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15 MAY 86

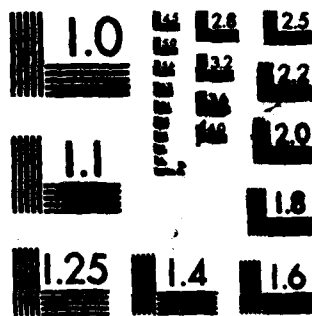
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August 15, 1986

WATER QUALITY DATA
MAY 1985 THROUGH MAY 1986
U.S. AIR FORCE PLANT NO. 4
FORT WORTH, TEXAS

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ENVIRONMENTAL STATEMENT A

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WATER QUALITY DATA
MAY 1985 THROUGH MAY 1986
U.S. AIR FORCE PLANT NO. 4
FORT WORTH, TEXAS

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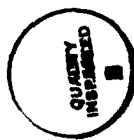
**WATER QUALITY DATA
MAY 1985 THROUGH MAY 1986
U.S. AIR FORCE PLANT NO. 4
FORT WORTH, TEXAS**

INTRODUCTION

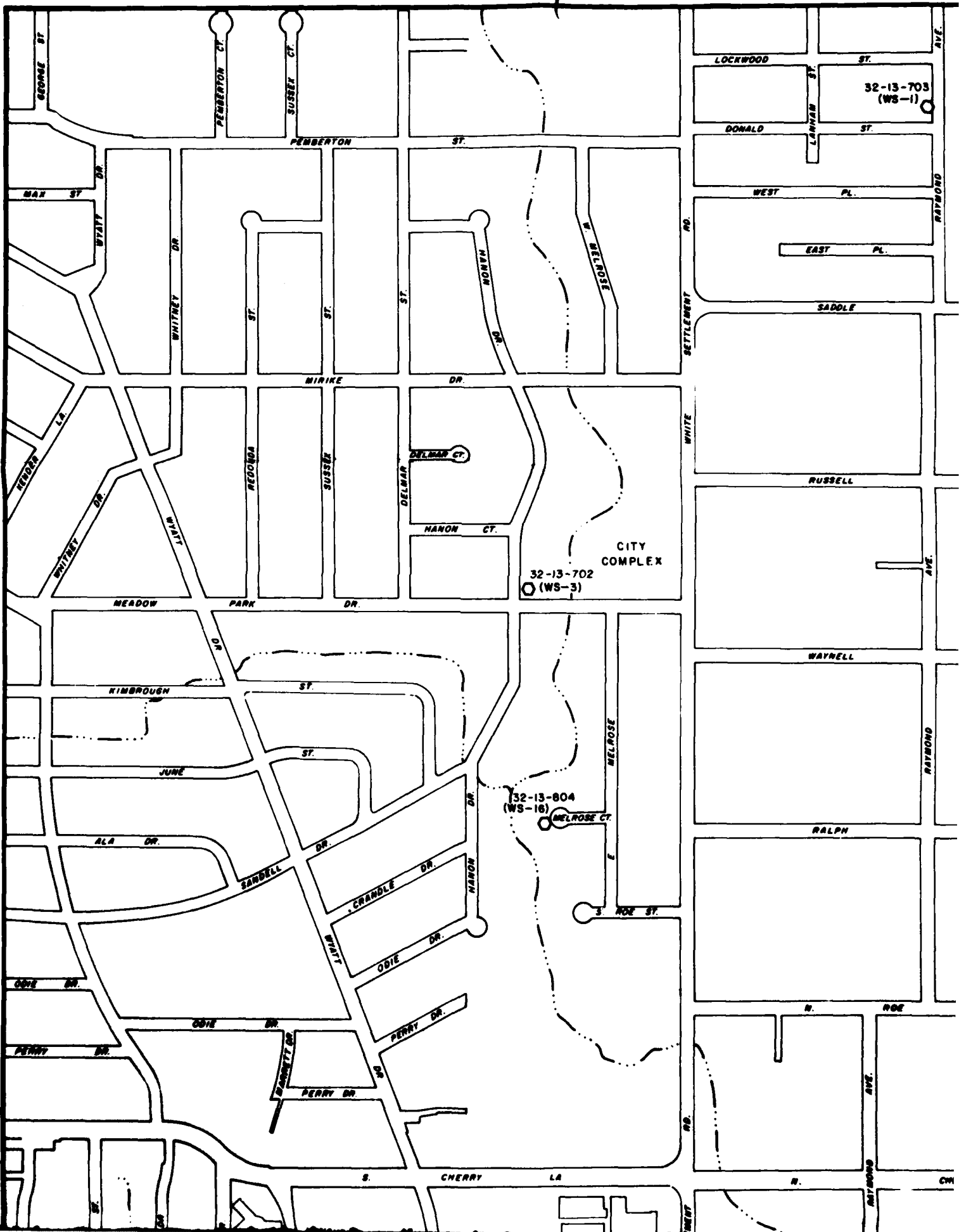
This report contains the water quality data collected at U.S. Air Force Plant No. 4 from May 1985 through May 1986. Water quality data collected prior to May 1985 is contained in a previous report entitled:

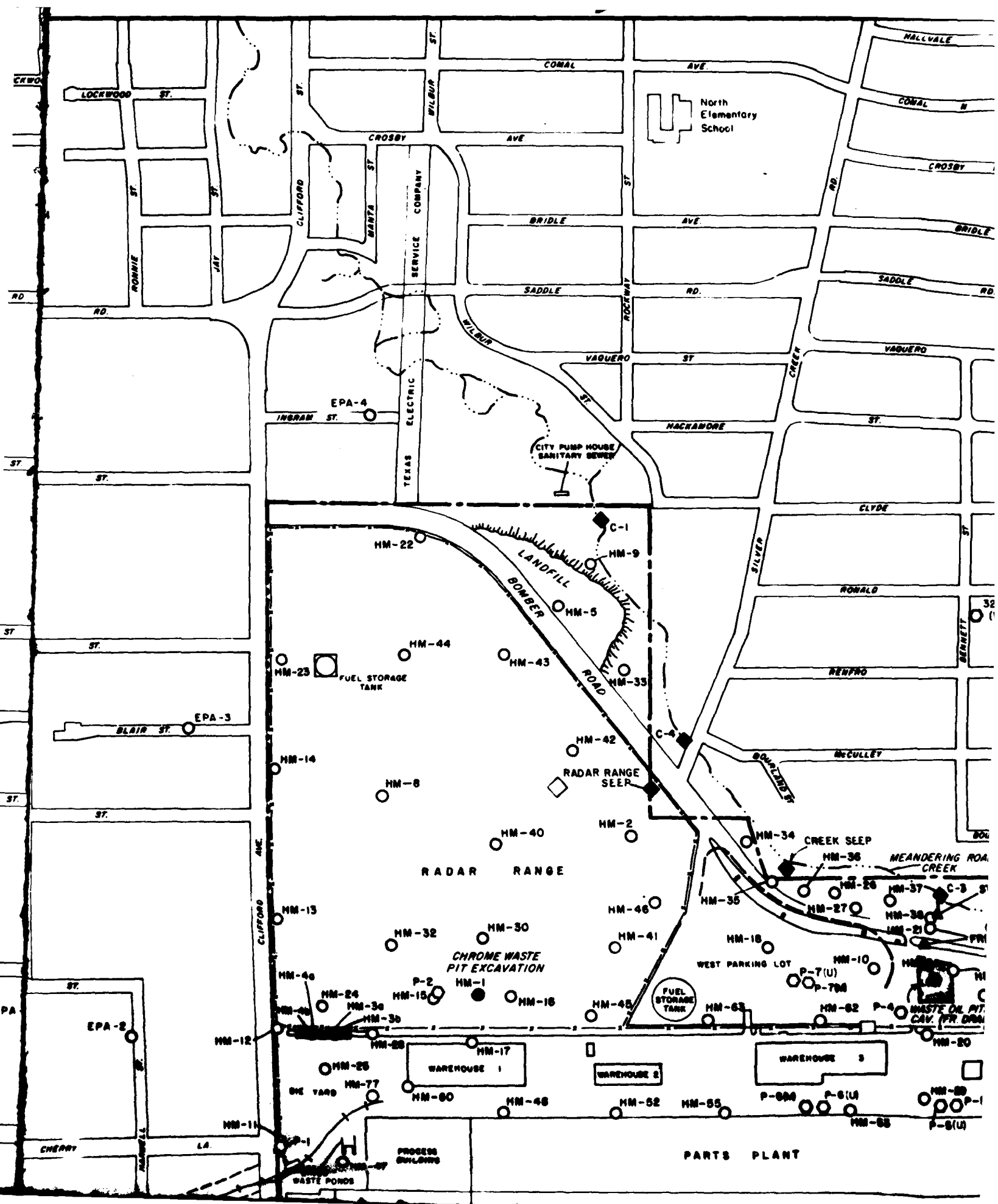
**PHASE II
INVESTIGATION OF SUBSURFACE CONDITIONS
AT U.S. AIR FORCE PLANT NO. 4
FORT WORTH, TEXAS**

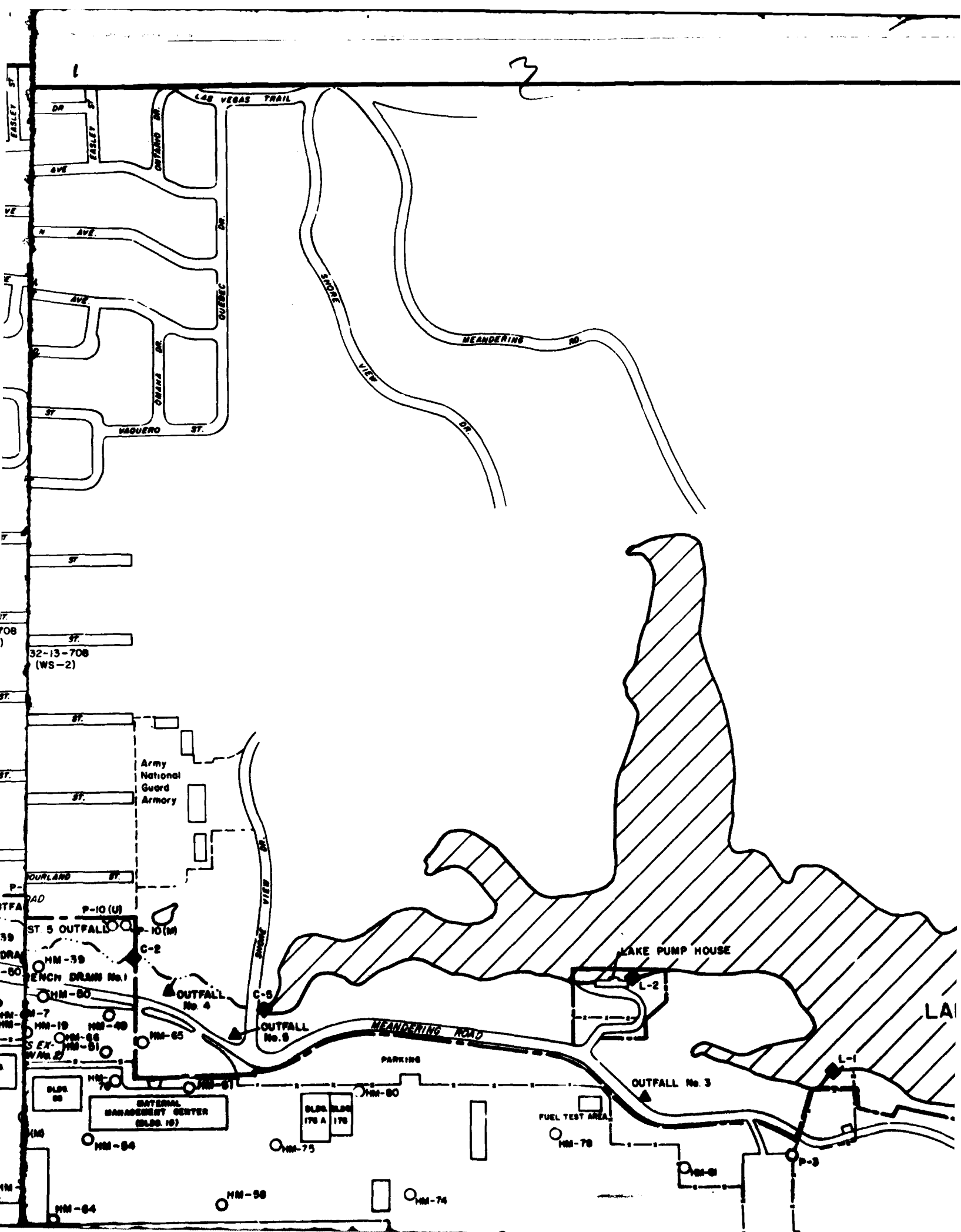
The two reports contain all water quality data collected at the plant by Hargis + Associates, Inc. during the Phase II investigation and subsequent groundwater monitoring activities conducted under the 1986 monitoring plan through May 1986.



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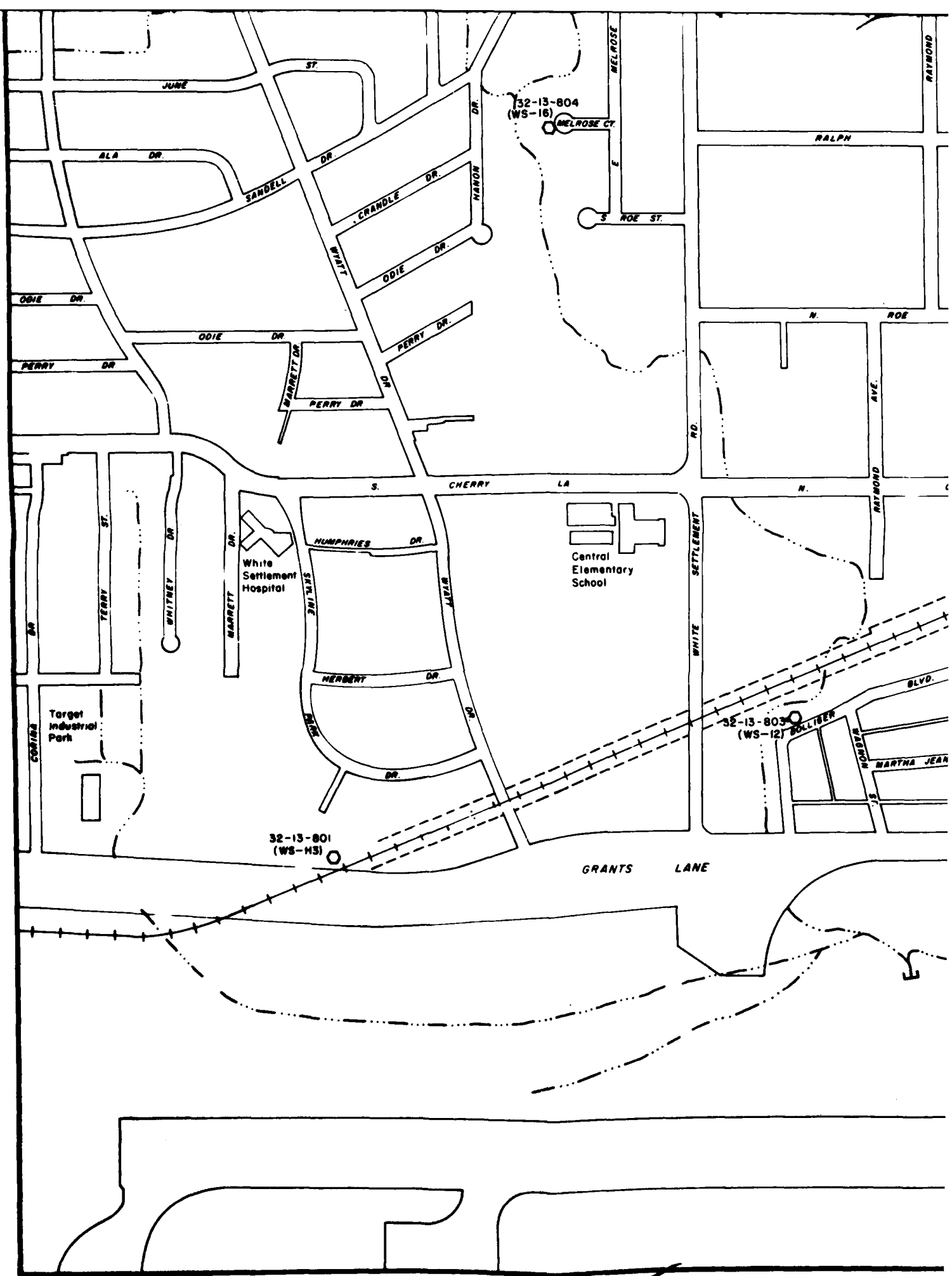
WELLS COMPLETED IN UPPER ZONE

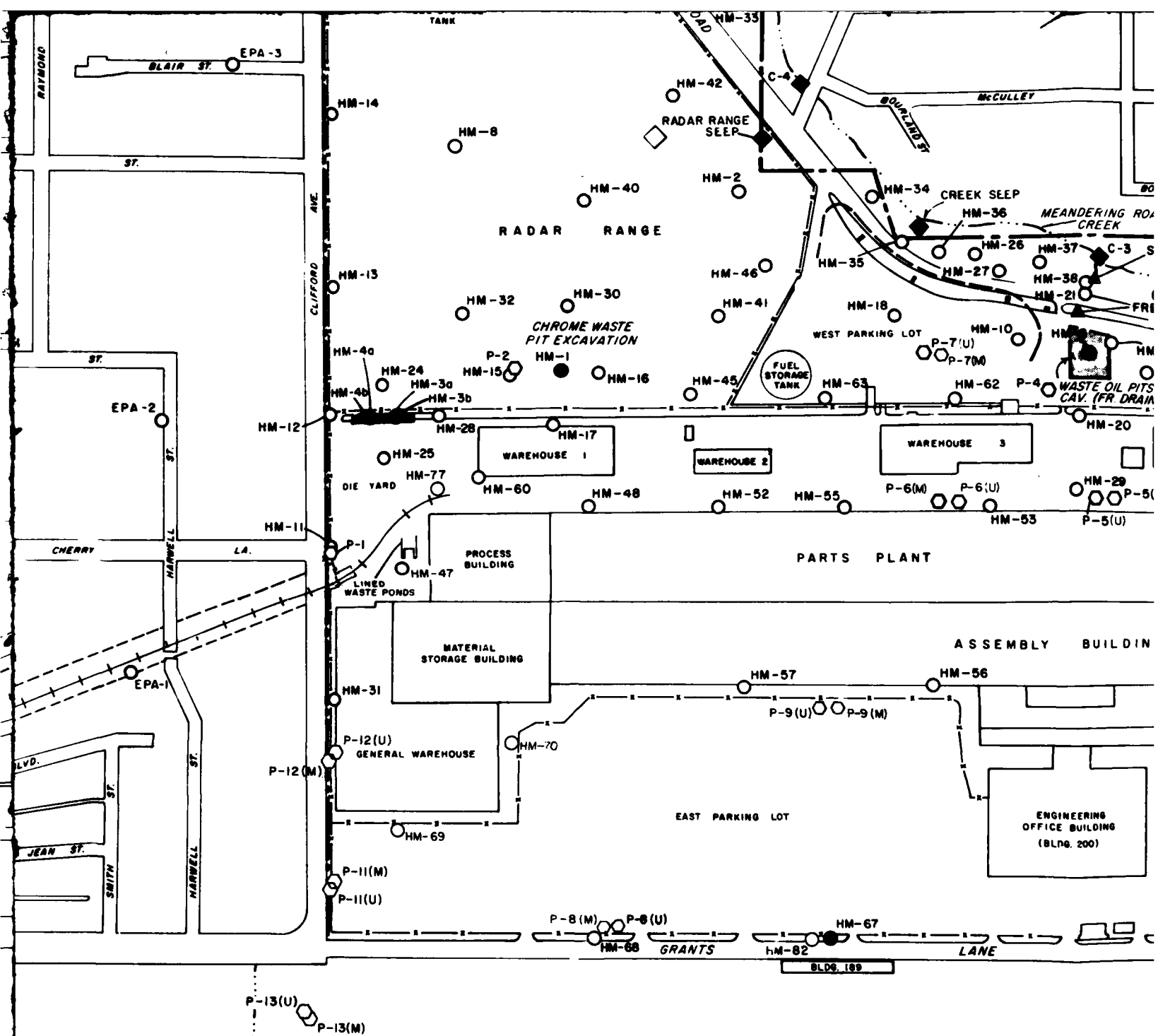
- HM-26 MONITOR WELL CONSTRUCTED BY
 U.S. AIR FORCE
- HM-6 WELL DESTROYED
- EPA-1 MONITOR WELL CONSTRUCTED BY U.S.
 ENVIRONMENTAL PROTECTION AGENCY

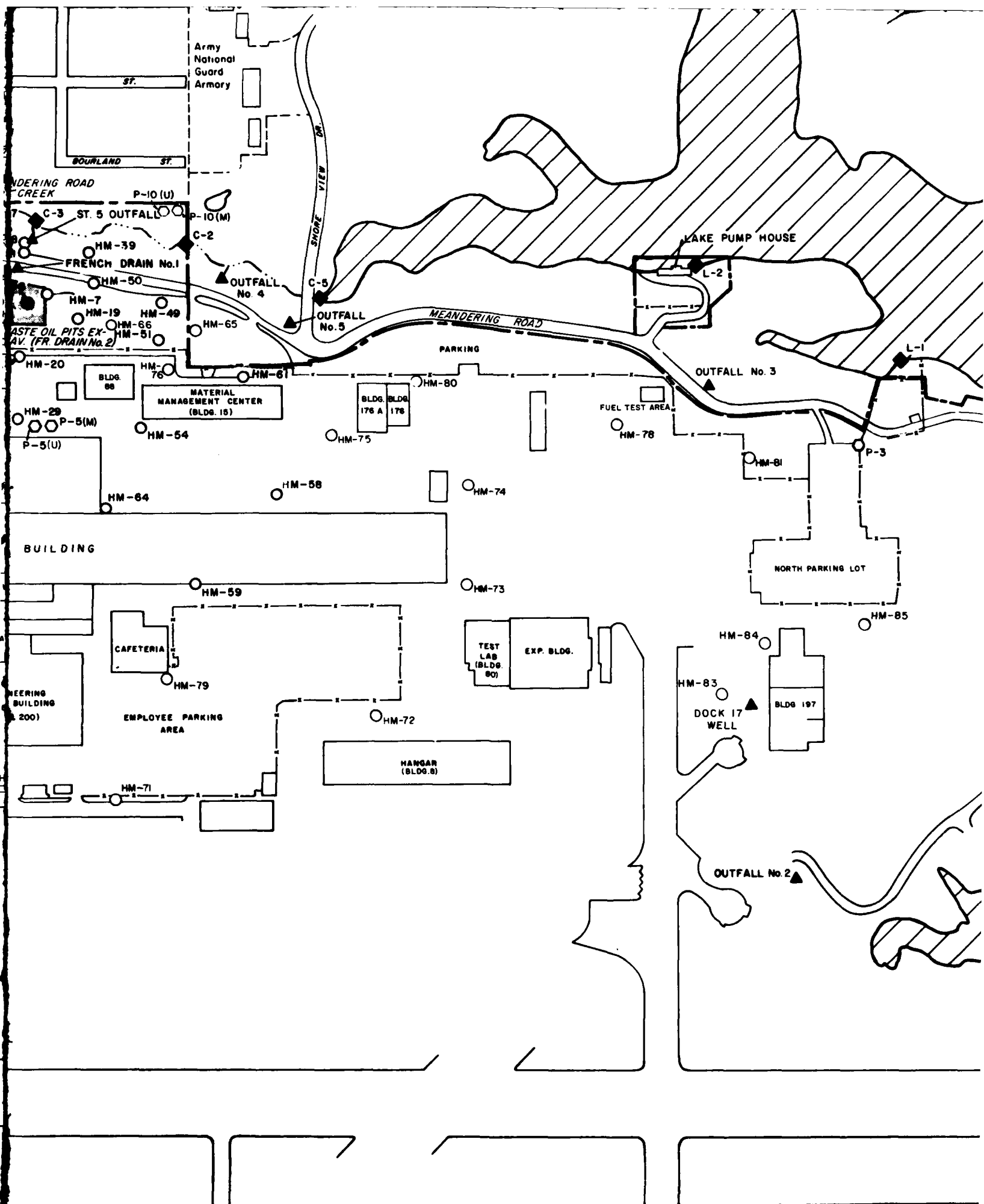
WELLS COMPLETED IN PALUXY FORMATION

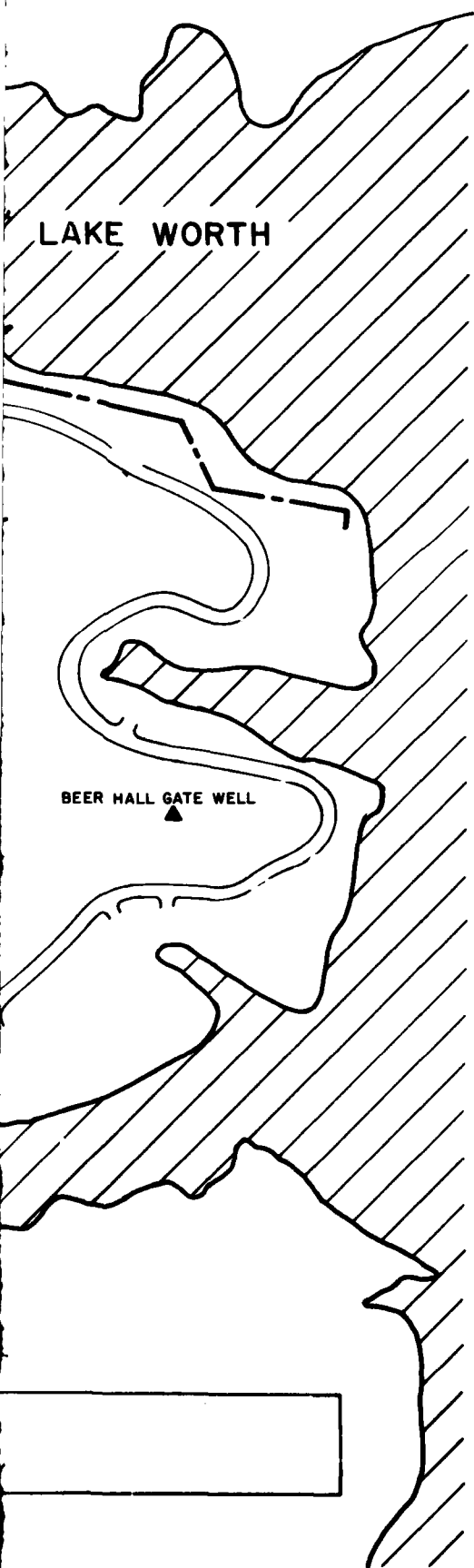
- ³²⁻¹³⁻⁸⁰³
(WS-12) WHITE SETTLEMENT MUNICIPAL WELL
- P-7(U) UPPER PALUXY MONITOR WELL
- P-7(M) MIDDLE PALUXY MONITOR WELL
- P-4 COMPOSITE PALUXY MONITOR WELL
- ◆ C-2 SURFACE WATER SAMPLING SITE
- ▲ MISCELLANEOUS WATER SAMPLING SITE

LAKE WORTH









C-2

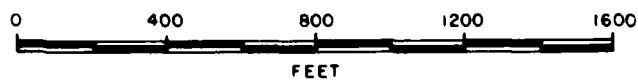
SURFACE WATER SAMPLING SITE



MISCELLANEOUS WATER SAMPLING SITE



NOTE: BASE MAP MODIFIED FROM GENERAL DYNAMICS MASTER PLOT PLAN MAP AND CITY OF WHITE SETTLEMENT SUBDIVISION MAP



GENERAL DYNAMICS CORPORATION

U. S. AIR FORCE PLANT No. 4
FORT WORTH, TEXAS

SAMPLING LOCATIONS



HARGIS + ASSOCIATES, INC.
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San Diego, California

AUGUST 1986

FIGURE 1



HARGIS + ASSOCIATES, INC.

APPENDIX A

RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS IN WATER SAMPLES



APPENDIX A

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TABLE A-1
RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM
HM-20

CONSTITUENTS (milligrams per liter)	DATE SAMPLED		
	11/06/85	10/08/85	08/26/85
Calcium.....	130.00	140.00	150.00
Magnesium.....	3.50	3.50	4.00
Sodium.....	180.00	180.00	180.00
Potassium.....	1.50	1.50	.43
Carbonate.....	-1.00	-1.00	-1.00
Bicarbonate.....	340.00	380.00	345.00
Chloride.....	99.00	100.00	114.00
Sulfate.....	62.00	63.00	88.00
Nitrate.....	---	---	---
Fluoride.....	---	---	---
Boron.....	---	---	---
Silica.....	---	---	---
TDS @ 180 oC.....	---	---	---
EC, umhos (field).....	1250.00	1350.00	1100.00
PH (field).....	6.67	6.60	7.34
Temperature (field), oF.....	70.00	73.00	75.00
Laboratory.....	Radian	Radian	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



TABLE A-2
RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM
HM-83

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	11/08/85
Calcium.....	130.00
Magnesium.....	17.00
Sodium.....	89.00
Potassium.....	1.30
Carbonate.....	-1.00
Bicarbonate.....	380.00
Chloride.....	45.00
Sulfate.....	104.00
Nitrate.....	---
Fluoride.....	---
Boron.....	---
Silica.....	---
TDS @ 180 oC.....	---
EC, umhos (field).....	---
PH (field).....	---
Temperature (field), of.....	---
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE A-3
RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM
HM-84

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	11/08/85
Calcium.....	150.00
Magnesium.....	14.00
Sodium.....	210.00
Potassium.....	1.70
Carbonate.....	-1.00
Bicarbonate.....	420.00
Chloride.....	170.00
Sulfate.....	220.00
Nitrate.....	---
Fluoride.....	---
Boron.....	---
Silica.....	---
TDS @ 180 oC.....	---
EC, umhos (field).....	1600.00
PH (field).....	6.99
Temperature (field), oF.....	68.00
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE A-4
RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM
HM-85

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	11/08/85
Calcium.....	170.00
Magnesium.....	13.00
Sodium.....	44.00
Potassium.....	2.70
Carbonate.....	-1.00
Bicarbonate.....	320.00
Chloride.....	29.00
Sulfate.....	110.00
Nitrate.....	---
Fluoride.....	---
Boron.....	---
Silica.....	---
TDS @ 180 oC.....	---
EC, umhos (field).....	900.00
PH (field).....	6.60
Temperature (field), oF.....	61.00
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE A-5
RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM
P-8 UPPER

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	06/25/85	06/25/85
Calcium.....	135.00	130.00
Magnesium.....	9.80	11.00
Sodium.....	22.00	43.00
Potassium.....	2.50	3.20
Carbonate.....	-1.00	ND
Bicarbonate.....	582.00	470.00
Chloride.....	44.00	41.00
Sulfate.....	63.00	38.00
Nitrate.....	4.00	4.00
Fluoride.....	---	.25
Boron.....	---	---
Silica.....	---	---
TDS @ 180 oC.....	---	---
EC, umhos (field).....	610.00	610.00
PH (field).....	6.00	6.00
Temperature (field), oF.....	74.00	74.00
Laboratory.....	Radian	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE A-6
RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM
P-8 MIDDLE

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	06/25/85	06/25/85
Calcium.....	60.00	63.00
Magnesium.....	23.00	23.00
Sodium.....	34.00	69.00
Potassium.....	5.40	6.30
Carbonate.....	-1.00	ND
Bicarbonate.....	241.00	240.00
Chloride.....	19.00	19.00
Sulfate.....	65.00	32.00
Nitrate.....	-.50	1.70
Fluoride.....	---	.16
Boron.....	---	---
Silica.....	---	---
TDS @ 180 oC.....	---	---
EC, umhos (field).....	480.00	480.00
PH (field).....	6.00	6.00
Temperature (field), oF.....	72.00	72.00
Laboratory.....	Radian	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE A-7
RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM
P-11 MIDDLE

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	08/28/85
Calcium.....	54.00
Magnesium.....	20.00
Sodium.....	57.00
Potassium.....	5.60
Carbonate.....	-1.00
Bicarbonate.....	263.00
Chloride.....	18.00
Sulfate.....	48.00
Nitrate.....	---
Fluoride.....	---
Boron.....	---
Silica.....	---
TDS @ 180 oC.....	---
EC, umhos (field).....	---
PH (field).....	---
Temperature (field), oF.....	---
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE A-8
RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM
P-12 UPPER

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	01/09/86	12/12/85
Calcium.....	41.00	540.00
Magnesium.....	13.00	38.00
Sodium.....	44.00	44.00
Potassium.....	6.50	12.00
Carbonate.....	-1.00	-1.00
Bicarbonate.....	225.00	174.00
Chloride.....	11.00	16.00
Sulfate.....	47.00	65.00
Nitrate.....	-.20	---
Fluoride.....	---	---
Boron.....	---	---
Silica.....	---	---
TDS @ 180 oC.....	---	---
EC, umhos (field).....	485.00	---
PH (field).....	7.90	---
Temperature (field), oF.....	64.00	---
Laboratory.....	Radian	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE A-9
RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM
P-13 UPPER

CONSTITUENTS (milligrams per liter)	05/07/86	04/09/86
Calcium.....	120.00	170.00
Magnesium.....	.03	ND
Sodium.....	78.00	81.00
Potassium.....	21.00	20.00
Carbonate.....	43.00	40.00
Bicarbonate.....	ND	ND
Chloride.....	146.00	240.00
Sulfate.....	51.00	26.00
Nitrate.....	.40	ND
Fluoride.....	.55	ND
Boron.....	-.10	ND
Silica.....	18.00	ND
TDS @ 180 oC.....	710.00	720.00
EC, umhos (field).....	1550.00	1600.00
PH (field).....	11.10	11.50
Temperature (field), oF.....	---	---
Laboratory.....	BC	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE A-10
RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM
CREEK STATION C-5

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	08/26/85
Calcium.....	39.00
Magnesium.....	8.40
Sodium.....	28.00
Potassium.....	5.50
Carbonate.....	-1.00
Bicarbonate.....	111.00
Chloride.....	43.00
Sulfate.....	28.00
Nitrate.....	---
Fluoride.....	---
Boron.....	---
Silica.....	---
TDS @ 180 oC.....	---
EC, umhos (field).....	410.00
PH (field).....	8.83
Temperature (field), oF.....	89.00
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE A-11
RESULTS OF ANALYSES FOR COMMON ION CONSTITUENTS
IN WATER SAMPLES COLLECTED FROM
CREEK SEEP

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	08/26/85
Calcium.....	190.00
Magnesium.....	9.10
Sodium.....	50.00
Potassium.....	1.60
Carbonate.....	-1.00
Bicarbonate.....	262.00
Chloride.....	-15.00
Sulfate.....	209.00
Nitrate.....	---
Fluoride.....	---
Boron.....	---
Silica.....	---
TDS @ 180 oC.....	---
EC, umhos (field).....	990.00
PH (field).....	8.41
Temperature (field), oF.....	75.00
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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APPENDIX B

**RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES**



APPENDIX B

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IN WATER SAMPLES COLLECTED FROM P-11 MIDDLE**



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- B-42 RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM CREEK SEEP**

TABLE B-1
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-20

CONSTITUENTS (milligrams per liter)	DATE SAMPLED			
	12/12/85	11/06/85	10/08/85	08/26/85
Antimony.....	---	---	---	---
Arsenic.....	-.0030	-.0030	-.0020	-.0020
Barium.....	---	---	---	---
Beryllium.....	---	---	---	---
Cadmium.....	-.0020	-.0020	-.0020	-.0020
Chromium (total).....	.0960	.2100	.1900	.1700
Chromium (hexavalent).....	---	---	---	---
Chromium (trivalent).....	---	---	---	---
Copper.....	-.0010	.0040	-.0010	.0150
Cyanide.....	---	---	---	---
Iron.....	-.0080	.2000	.6700	.0840
Lead.....	-.0020	-.0020	.0040	-.0020
Manganese.....	---	---	---	---
Mercury.....	-.0002	-.0002	-.0002	-.0002
Molybdenum.....	---	---	---	---
Nickel.....	---	---	---	---
Selenium.....	.0090	.0130	.0030	-.0020
Silver.....	-.0020	.0030	-.0020	---
Strontium.....	.2300	.3200	.3300	.3700
Thallium.....	---	---	---	---
Zinc.....	---	---	---	---
Laboratory.....	Radian	Radian	Radian	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-2

RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-30

CONSTITUENTS (milligrams per liter)	DATE SAMPLED			
	04/05/86	01/10/86	10/08/85	06/29/85
Antimony.....	---	---	---	---
Arsenic.....	---	---	-.0020	-.0020
Barium.....	---	---	---	---
Beryllium.....	---	---	---	---
Cadmium.....	---	---	-.0020	-.0020
Chromium (total).....	-.0400	.0220	.0150	.1800
Chromium (hexavalent).....	---	---	---	---
Chromium (trivalent).....	---	---	---	---
Copper.....	---	---	.0210	-.0010
Cyanide.....	---	---	---	---
Iron.....	---	---	.1200	-.0080
Lead.....	---	---	.0050	-.0020
Manganese.....	---	---	---	-.0010
Mercury.....	---	---	-.0002	.0004
Molybdenum.....	---	---	---	---
Nickel.....	---	---	---	---
Selenium.....	---	---	-.0020	-.0020
Silver.....	---	---	-.0020	-.0020
Strontium.....	---	---	.3000	.1800
Thallium.....	---	---	---	---
Zinc.....	---	---	---	.4400
Laboratory.....	Brown & Caldwell	Radian	Radian	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE B-3
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-36

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	10/11/85	06/30/85
Antimony.....	---	---
Arsenic.....	.0030	-.0020
Barium.....	---	---
Beryllium.....	---	---
Cadmium.....	-.0010	-.0020
Chromium (total).....	.0570	-.0050
Chromium (hexavalent).....	---	---
Chromium (trivalent).....	---	---
Copper.....	-.0010	-.0010
Cyanide.....	---	---
Iron.....	2.6000	-.0080
Lead.....	.0070	.0030
Manganese.....	---	.0050
Mercury.....	.0002	.0002
Molybdenum.....	---	---
Nickel.....	---	---
Selenium.....	.0050	-.0020
Silver.....	-.0020	-.0020
Strontium.....	.6300	.6000
Thallium.....	---	---
Zinc.....	---	.0650
Laboratory.....	Radian	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-4
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-42

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	04/05/86	06/29/85
Antimony.....	---	---
Arsenic.....	---	-.0020
Barium.....	---	---
Beryllium.....	---	---
Cadmium.....	---	-.0020
Chromium (total).....	-.0400	-.0050
Chromium (hexavalent).....	---	---
Chromium (trivalent).....	---	---
Copper.....	---	-.0010
Cyanide.....	---	---
Iron.....	---	-.0080
Lead.....	---	.0130
Manganese.....	---	-.0010
Mercury.....	---	.0004
Molybdenum.....	---	---
Nickel.....	---	---
Selenium.....	---	-.0020
Silver.....	---	.0050
Strontium.....	---	.2400
Thallium.....	---	---
Zinc.....	---	.0830
Laboratory.....	Brown & Caldwell	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-5
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-48

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	10/09/85
Antimony.....	---
Arsenic.....	-.0020
Barium.....	---
Beryllium.....	---
Cadmium.....	-.0020
Chromium (total).....	.0110
Chromium (hexavalent).....	---
Chromium (trivalent).....	---
Copper.....	.0130
Cyanide.....	---
Iron.....	.0990
Lead.....	.0020
Manganese.....	---
Mercury.....	-.0002
Molybdenum.....	---
Nickel.....	---
Selenium.....	-.0020
Silver.....	.0040
Strontium.....	.1700
Thallium.....	---
Zinc.....	---
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-6
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-65

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	06/30/85
Antimony.....	---
Arsenic.....	-.0020
Barium.....	---
Beryllium.....	---
Cadmium.....	-.0020
Chromium (total).....	-.0050
Chromium (hexavalent).....	---
Chromium (trivalent).....	---
Copper.....	-.0010
Cyanide.....	---
Iron.....	.4200
Lead.....	.0040
Manganese.....	.1700
Mercury.....	-.0002
Molybdenum.....	---
Nickel.....	---
Selenium.....	-.0020
Silver.....	-.0020
Strontium.....	5.8000
Thallium.....	---
Zinc.....	.0410
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-7
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-66

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	06/30/85	06/30/85
Antimony.....	---	---
Arsenic.....	-.0020	-.0025
Barium.....	---	---
Beryllium.....	---	---
Cadmium.....	-.0020	.0004
Chromium (total).....	-.0050	-.0020
Chromium (hexavalent).....	---	---
Chromium (trivalent).....	---	---
Copper.....	-.0010	-.0900
Cyanide.....	---	---
Iron.....	-.0080	-.1100
Lead.....	-.0050	.0055
Manganese.....	-.0010	-.0600
Mercury.....	.0006	---
Molybdenum.....	---	---
Nickel.....	---	---
Selenium.....	-.0020	---
Silver.....	-.0020	-.0500
Strontium.....	1.6000	1.7000
Thallium.....	---	---
Zinc.....	-.0030	.0600
Laboratory.....	Radian	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-8

RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-68

CONSTITUENTS (milligrams per liter)	DATE SAMPLED		
	04/08/86	01/09/86	07/01/85
Antimony.....	---	---	---
Arsenic.....	---	---	-.0020
Barium.....	---	---	---
Beryllium.....	---	---	---
Cadmium.....	---	---	-.0020
Chromium (total).....	-.0300	.0210	-.0050
Chromium (hexavalent).....	---	---	---
Chromium (trivalent).....	---	---	---
Copper.....	---	---	-.0010
Cyanide.....	---	---	---
Iron.....	---	---	-.0080
Lead.....	.1200	.0380	.0020
Manganese.....	---	---	.0190
Mercury.....	---	---	.0004
Molybdenum.....	---	---	---
Nickel.....	---	---	---
Selenium.....	---	---	-.0020
Silver.....	---	---	-.0020
Strontium.....	---	---	.3400
Thallium.....	---	---	---
Zinc.....	---	---	.0320
Laboratory.....	Brown & Caldwell	Radian	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE B-9

RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-69

CONSTITUENTS (milligrams per liter)	04/02/86	10/12/85	DATE SAMPLED 07/01/85
Antimony.....	---	---	---
Arsenic.....	---	.0020	-.0020
Barium.....	---	---	---
Beryllium.....	---	---	---
Cadmium.....	---	-.0020	-.0020
Chromium (total).....	-.0400	.0100	-.0050
Chromium (hexavalent).....	---	---	---
Chromium (trivalent).....	---	---	---
Copper.....	---	-.0010	-.0010
Cyanide.....	---	---	---
Iron.....	---	1.4000	-.0080
Lead.....	---	.0030	-.0020
Manganese.....	---	---	-.0010
Mercury.....	---	.0002	.0002
Molybdenum.....	---	---	---
Nickel.....	---	---	---
Selenium.....	---	-.0040	-.0020
Silver.....	---	-.0020	.0070
Strontium.....	---	.6800	.5300
Thallium.....	---	---	---
Zinc.....	---	---	.0400
Laboratory.....	Brown & Caldwell	Radian	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE B-10
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-70

CONSTITUENTS (milligrams per liter)	DATE SAMPLED		
	04/07/86	06/28/85	06/28/85
Antimony.....	---	---	---
Arsenic.....	---	-.0020	.0110
Barium.....	---	---	---
Beryllium.....	---	---	---
Cadmium.....	---	-.0020	-.0002
Chromium (total).....	.0600	.0600	.0600
Chromium (hexavalent).....	---	---	---
Chromium (trivalent).....	---	---	---
Copper.....	---	-.0010	-.0900
Cyanide.....	---	---	---
Iron.....	---	.0790	-.1000
Lead.....	---	-.0020	-.0030
Manganese.....	---	-.0010	-.0600
Mercury.....	---	-.0002	-.0010
Molybdenum.....	---	---	---
Nickel.....	---	---	---
Selenium.....	---	-.0020	-.0085
Silver.....	---	-.0020	-.0500
Strontium.....	---	.3400	.3600
Thallium.....	---	---	---
Zinc.....	---	.0270	-.0200
Laboratory.....	Brown & Caldwell	Radian	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE B-11
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-71

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	10/13/85	06/28/85
Antimony.....	---	---
Arsenic.....	.0030	-.0020
Barium.....	---	---
Beryllium.....	---	---
Cadmium.....	-.0020	-.0020
Chromium (total).....	.1600	.1000
Chromium (hexavalent).....	---	---
Chromium (trivalent).....	---	---
Copper.....	-.0010	-.0010
Cyanide.....	---	---
Iron.....	1.1000	-.0080
Lead.....	-.0020	.0030
Manganese.....	---	-.0010
Mercury.....	.0004	.0004
Molybdenum.....	---	---
Nickel.....	---	---
Selenium.....	.0040	-.0020
Silver.....	-.0020	-.0020
Strontium.....	.2600	.2400
Thallium.....	---	---
Zinc.....	---	-.0030
Laboratory.....	Radian	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



TABLE B-12
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-72

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	06/28/85
Antimony.....	---
Arsenic.....	-.0020
Barium.....	---
Beryllium.....	---
Cadmium.....	-.0020
Chromium (total).....	-.0050
Chromium (hexavalent).....	---
Chromium (trivalent).....	---
Copper.....	-.0010
Cyanide.....	---
Iron.....	.0830
Lead.....	-.0020
Manganese.....	.0450
Mercury.....	-.0002
Molybdenum.....	---
Nickel.....	---
Selenium.....	-.0020
Silver.....	-.0020
Strontium.....	.8500
Thallium.....	---
Zinc.....	.0340
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE B-13
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-73

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	10/12/85	06/27/85
Antimony.....	---	---
Arsenic.....	-.0020	.0030
Barium.....	---	---
Beryllium.....	---	---
Cadmium.....	-.0020	-.0020
Chromium (total).....	.0130	.0110
Chromium (hexavalent).....	---	---
Chromium (trivalent).....	---	---
Copper.....	-.0010	-.0010
Cyanide.....	---	---
Iron.....	.6800	.6500
Lead.....	.0030	-.0020
Manganese.....	---	.1500
Mercury.....	.0002	-.0002
Molybdenum.....	---	---
Nickel.....	---	---
Selenium.....	.0110	-.0020
Silver.....	-.0020	-.0020
Strontium.....	4.9000	7.0000
Thallium.....	---	---
Zinc.....	---	.0720
Laboratory.....	Radian	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-14
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-74

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	06/26/85
Antimony.....	---
Arsenic.....	-.0020
Barium.....	---
Beryllium.....	---
Cadmium.....	-.0020
Chromium (total).....	.0060
Chromium (hexavalent).....	---
Chromium (trivalent).....	---
Copper.....	-.0010
Cyanide.....	---
Iron.....	.1300
Lead.....	.0030
Manganese.....	.1200
Mercury.....	.0012
Molybdenum.....	---
Nickel.....	---
Selenium.....	-.0020
Silver.....	-.0020
Strontium.....	1.6000
Thallium.....	---
Zinc.....	.0260
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-15
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-75

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	06/27/85
Antimony.....	---
Arsenic.....	-.0020
Barium.....	---
Beryllium.....	---
Cadmium.....	-.0020
Chromium (total).....	-.0050
Chromium (hexavalent).....	---
Chromium (trivalent).....	---
Copper.....	-.0010
Cyanide.....	---
Iron.....	.1700
Lead.....	-.0020
Manganese.....	.2100
Mercury.....	-.0002
Molybdenum.....	---
Nickel.....	---
Selenium.....	-.0020
Silver.....	-.0020
Strontium.....	2.5000
Thallium.....	---
Zinc.....	.0240
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-16

RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-76

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	06/27/85
Antimony.....	---
Arsenic.....	-.0020
Barium.....	---
Beryllium.....	---
Cadmium.....	-.0020
Chromium (total).....	.0110
Chromium (hexavalent).....	---
Chromium (trivalent).....	---
Copper.....	.0070
Cyanide.....	---
Iron.....	.0520
Lead.....	-.0020
Manganese.....	.0390
Mercury.....	-.0002
Molybdenum.....	---
Nickel.....	---
Selenium.....	-.0020
Silver.....	-.0020
Strontium.....	3.3000
Thallium.....	---
Zinc.....	.0680
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE B-17

RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-77

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	04/04/86	06/28/85
Antimony.....	---	---
Arsenic.....	---	-.0020
Barium.....	---	---
Beryllium.....	---	---
Cadmium.....	---	-.0020
Chromium (total).....	.0400	-.0050
Chromium (hexavalent).....	---	---
Chromium (trivalent).....	---	---
Copper.....	---	-.0010
Cyanide.....	---	---
Iron.....	---	.0160
Lead.....	---	-.0020
Manganese.....	---	-.0010
Mercury.....	---	-.0002
Molybdenum.....	---	---
Nickel.....	---	---
Selenium.....	---	-.0020
Silver.....	---	-.0020
Strontium.....	---	.3500
Thallium.....	---	---
Zinc.....	---	.0110
Laboratory.....	Brown & Caldwell	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE B-18

RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-78

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	07/01/85
Antimony.....	---
Arsenic.....	.0240
Barium.....	---
Beryllium.....	---
Cadmium.....	.0020
Chromium (total).....	.0050
Chromium (hexavalent).....	---
Chromium (trivalent).....	---
Copper.....	.0010
Cyanide.....	---
Iron.....	.4100
Lead.....	.0120
Manganese.....	.0670
Mercury.....	.0002
Molybdenum.....	---
Nickel.....	---
Selenium.....	.0040
Silver.....	.0020
Strontium.....	1.1000
Thallium.....	---
Zinc.....	.0050
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE B-19

RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-80

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	06/26/85
Antimony.....	---
Arsenic.....	-.0020
Barium.....	---
Beryllium.....	---
Cadmium.....	-.0020
Chromium (total).....	-.0050
Chromium (hexavalent).....	---
Chromium (trivalent).....	---
Copper.....	-.0010
Cyanide.....	---
Iron.....	.7600
Lead.....	-.0020
Manganese.....	.0830
Mercury.....	.0008
Molybdenum.....	---
Nickel.....	---
Selenium.....	-.0020
Silver.....	-.0020
Strontium.....	1.9000
Thallium.....	---
Zinc.....	.0240
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE B-20
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-81

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	06/30/85
Antimony.....	---
Arsenic.....	.0020
Barium.....	---
Beryllium.....	---
Cadmium.....	.0020
Chromium (total).....	.0050
Chromium (hexavalent).....	---
Chromium (trivalent).....	---
Copper.....	.0010
Cyanide.....	---
Iron.....	.0080
Lead.....	.0020
Manganese.....	.0010
Mercury.....	.0040
Molybdenum.....	---
Nickel.....	---
Selenium.....	.0020
Silver.....	.0020
Strontium.....	.9500
Thallium.....	---
Zinc.....	.0350
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-21
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-82

CONSTITUENTS (milligrams per liter)	DATE SAMPLED			
	04/08/86	01/09/86	10/12/85	06/28/85
Antimony.....	---	---	---	---
Arsenic.....	---	---	.0060	-.0020
Barium.....	---	---	---	---
Beryllium.....	---	---	---	---
Cadmium.....	---	---	-.0020	-.0020
Chromium (total).....	.2800	.3400	.4100	.3200
Chromium (hexavalent).....	---	---	---	---
Chromium (trivalent).....	---	---	---	---
Copper.....	---	---	-.0010	-.0010
Cyanide.....	---	---	---	---
Iron.....	---	---	2.0000	-.0080
Lead.....	---	---	.0090	.0020
Manganese.....	---	---	---	-.0010
Mercury.....	---	---	-.0002	.0004
Molybdenum.....	---	---	---	---
Nickel.....	---	---	---	---
Selenium.....	---	---	-.0040	-.0020
Silver.....	---	---	-.0020	-.0020
Strontium.....	---	---	.3300	.3000
Thallium.....	---	---	---	---
Zinc.....	---	---	---	.0190
Laboratory.....	Brown & Caldwell	Radian	Radian	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-22

**RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-83**

CONSTITUENTS (milligrams per liter)	DATE SAMPLED			
	05/08/86	05/08/86	12/12/85	11/08/85
Antimony.....	---	-1.0000	---	---
Arsenic.....	---	-.0100	.0050	-.0030
Barium.....	---	-.5000	---	---
Beryllium.....	---	-.0100	---	---
Cadmium.....	---	-.0050	-.0020	-.0020
Chromium (total).....	---	-.0100	-.0050	.0100
Chromium (hexavalent).....	---	---	---	---
Chromium (trivalent).....	---	---	---	---
Copper.....	---	-.0100	-.0010	.0110
Cyanide.....	---	---	---	---
Iron.....	9.9000	.0700	6.0000	.0700
Lead.....	---	-.0100	.0050	-.0020
Manganese.....	---	.8400	---	---
Mercury.....	---	.0003	.0003	-.0002
Molybdenum.....	---	---	---	---
Nickel.....	---	-.0500	---	---
Selenium.....	---	-.0050	.0080	.0060
Silver.....	---	-.0100	-.0020	-.0020
Strontium.....	---	.6000	.6800	.6700
Thallium.....	---	-.5000	---	---
Zinc.....	---	-.0100	---	---
Laboratory.....	Radian	BC	Radian	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-23

**RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-84**

CONSTITUENTS (milligrams per liter)	DATE				SAMPLED
	05/07/86	05/07/86	12/12/85	11/08/85	
Antimony.....	---	-1.0000	---	---	---
Arsenic.....	---	-.0100	.0030	-.0030	---
Barium.....	---	-.5000	---	---	---
Beryllium.....	---	-.0100	---	---	---
Cadmium.....	---	-.0050	-.0020	-.0020	---
Chromium (total).....	---	-.0100	-.0050	.0060	---
Chromium (hexavalent).....	---	---	---	---	---
Chromium (trivalent).....	---	---	---	---	---
Copper.....	---	-.0100	-.0010	-.0010	---
Cyanide.....	---	---	---	---	---
Iron.....	4.5000	.3500	6.0000	.2900	---
Lead.....	---	-.0100	.0030	-.0020	---
Manganese.....	---	.1600	---	---	---
Mercury.....	---	.0003	.0003	-.0002	---
Molybdenum.....	---	---	---	---	---
Nickel.....	---	-.0500	---	---	---
Selenium.....	---	-.0050	.0100	.0130	---
Silver.....	---	-.0100	-.0020	-.0020	---
Strontium.....	---	.6000	.7000	.8200	---
Thallium.....	---	-.5000	---	---	---
Zinc.....	---	.0100	---	---	---
Laboratory.....	Radian	BC	Radian	Radian	---

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE B-24
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
HM-85

CONSTITUENTS (milligrams per liter)	DATE SAMPLED			
	05/07/86	05/07/86	12/12/85	11/08/85
Antimony.....	---	-1.0000	---	---
Arsenic.....	---	-.0100	.0030	-.0030
Barium.....	---	-.5000	---	---
Beryllium.....	---	-.0100	---	---
Cadmium.....	---	-.0050	-.0020	-.0020
Chromium (total).....	---	-.0100	.4800	.0090
Chromium (hexavalent).....	---	---	---	---
Chromium (trivalent).....	---	---	---	---
Copper.....	---	-.0100	-.0010	.0040
Cyanide.....	---	---	---	---
Iron.....	3.6000	.3700	5.0000	.0300
Lead.....	---	.0100	.0040	-.0020
Manganese.....	---	.1000	---	---
Mercury.....	---	.0005	-.0002	-.0002
Molybdenum.....	---	---	---	---
Nickel.....	---	-.0050	---	---
Selenium.....	---	-.0050	.0100	-.0030
Silver.....	---	-.0100	-.0020	.0040
Strontium.....	---	.3000	.3900	.5000
Thallium.....	---	-.5000	---	---
Zinc.....	---	.0500	---	---
Laboratory.....	Radian	BC	Radian	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-25

RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
P-6 UPPER

CONSTITUENTS (milligrams per liter)	04/04/86	01/10/86	DATE SAMPLED 07/01/85
Antimony.....	---	---	---
Arsenic.....	---	---	-.0020
Barium.....	---	---	---
Beryllium.....	---	---	---
Cadmium.....	---	---	-.0020
Chromium (total).....	.0400	.0230	-.0050
Chromium (hexavalent).....	---	---	---
Chromium (trivalent).....	---	---	---
Copper.....	---	---	.0480
Cyanide.....	---	---	---
Iron.....	---	---	.0460
Lead.....	.1400	.1200	.1300
Manganese.....	---	---	-.0010
Mercury.....	---	---	.0004
Molybdenum.....	---	---	---
Nickel.....	---	---	---
Selenium.....	---	---	-.0020
Silver.....	---	---	-.0020
Strontium.....	---	---	5.9000
Thallium.....	---	---	---
Zinc.....	---	---	.6500
Laboratory.....	Brown & Caldwell	Radian	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE B-26

RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
P-7 UPPER

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	06/27/85
Antimony.....	---
Arsenic.....	-.0020
Barium.....	---
Beryllium.....	---
Cadmium.....	-.0020
Chromium (total).....	-.0050
Chromium (hexavalent).....	---
Chromium (trivalent).....	---
Copper.....	-.0010
Cyanide.....	---
Iron.....	.0570
Lead.....	-.0020
Manganese.....	.0120
Mercury.....	-.0002
Molybdenum.....	---
Nickel.....	---
Selenium.....	-.0020
Silver.....	-.0020
Strontium.....	8.7000
Thallium.....	---
Zinc.....	2.9000
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE B-27

RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
P-8 UPPER

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	06/25/85	06/25/85
Antimony.....	---	---
Arsenic.....	-.0020	-.0024
Barium.....	---	-.5000
Beryllium.....	---	---
Cadmium.....	-.0020	---
Chromium (total).....	-.0050	-.0005
Chromium (hexavalent).....	---	---
Chromium (trivalent).....	---	---
Copper.....	-.0010	-.0800
Cyanide.....	---	---
Iron.....	.0370	-.0900
Lead.....	.0220	.0090
Manganese.....	.0130	.0700
Mercury.....	.0010	---
Molybdenum.....	---	---
Nickel.....	---	.0040
Selenium.....	-.0020	---
Silver.....	-.0020	---
Strontium.....	1.8000	1.9000
Thallium.....	---	---
Zinc.....	5.7000	5.6000
Laboratory.....	Radian	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE B-28
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
P-8 MIDDLE

CONSTITUENTS (milligrams per liter)	05/08/86	06/25/85	05/09/85	DATE SAMPLED
Antimony.....	-1.0000	---	---	
Arsenic.....	-.0100	---	.0030	
Barium.....	-.5000	---	---	
Beryllium.....	-.0100	---	---	
Cadmium.....	-.0050	---	-.0020	
Chromium (total).....	-.0100	---	-.0050	
Chromium (hexavalent).....	---	---	---	
Chromium (trivalent).....	---	---	---	
Copper.....	-.0100	-.0900	.0050	
Cyanide.....	---	---	---	
Iron.....	.1200	-.1000	-.0080	
Lead.....	-.0100	---	-.0020	
Manganese.....	.0300	.5100	.0160	
Mercury.....	-.0002	---	-.0002	
Molybdenum.....	---	---	---	
Nickel.....	-.0500	---	.0140	
Selenium.....	-.0050	---	-.0020	
Silver.....	-.0100	---	.0050	
Strontium.....	2.1000	---	3.9000	
Thallium.....	-.5000	---	---	
Zinc.....	.2400	.1600	.0830	
Laboratory.....	BC	Brown & Caldwell	Radian	

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-29
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
P-10 UPPER

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	06/25/85
Antimony.....	---
Arsenic.....	.0020
Barium.....	---
Beryllium.....	---
Cadmium.....	.0020
Chromium (total).....	.0060
Chromium (hexavalent).....	---
Chromium (trivalent).....	---
Copper.....	.0010
Cyanide.....	---
Iron.....	.0840
Lead.....	.0040
Manganese.....	3.4000
Mercury.....	.0006
Molybdenum.....	---
Nickel.....	---
Selenium.....	.0020
Silver.....	.0020
Strontium.....	.8500
Thallium.....	---
Zinc.....	1.5000
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-30
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
P-11 MIDDLE

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	08/28/85
Antimony.....	---
Arsenic.....	-.0020
Barium.....	---
Beryllium.....	---
Cadmium.....	-.0020
Chromium (total).....	-.0050
Chromium (hexavalent).....	---
Chromium (trivalent).....	---
Copper.....	-.0010
Cyanide.....	---
Iron.....	.0280
Lead.....	-.0020
Manganese.....	---
Mercury.....	-.0002
Molybdenum.....	---
Nickel.....	---
Selenium.....	-.0020
Silver.....	---
Strontium.....	3.5000
Thallium.....	---
Zinc.....	---
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-31

RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
P-12 UPPER

CONSTITUENTS (milligrams per liter)	DATE SAMPLED			
	05/07/86	05/07/86	01/09/86	12/12/85
Antimony.....	---	-1.0000	---	---
Arsenic.....	---	-.0100	.0300	.0240
Barium.....	---	-.5000	---	---
Beryllium.....	---	-.0100	---	---
Cadmium.....	---	-.0050	-.0020	-.0020
Chromium (total).....	---	-.0100	.0060	.1800
Chromium (hexavalent).....	---	---	---	---
Chromium (trivalent).....	---	---	---	---
Copper.....	---	-.0100	.0120	.0930
Cyanide.....	---	---	---	---
Iron.....	.1700	.1300	1.6000	77.0000
Lead.....	---	-.0100	.0070	.1000
Manganese.....	---	.0600	.0760	---
Mercury.....	---	-.0002	-.0002	-.0020
Molybdenum.....	---	---	---	---
Nickel.....	---	-.0500	---	---
Selenium.....	---	-.0050	-.0030	.0160
Silver.....	---	-.0100	.0050	-.0040
Strontium.....	---	1.6000	2.6000	4.3000
Thallium.....	---	-.5000	---	---
Zinc.....	---	.4100	1.5000	---
Laboratory.....	Radian	BC	Radian	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE B-32
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
P-13 UPPER

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	05/07/86	04/09/86
Antimony.....	-1.0000	---
Arsenic.....	-.0100	---
Barium.....	-.5000	---
Beryllium.....	-.0100	---
Cadmium.....	-.0050	---
Chromium (total).....	-.0100	---
Chromium (hexavalent).....	---	---
Chromium (trivalent).....	---	---
Copper.....	.1400	---
Cyanide.....	---	---
Iron.....	.6400	---
Lead.....	.1700	.0380
Manganese.....	.0600	---
Mercury.....	-.0002	---
Molybdenum.....	---	---
Nickel.....	-.0500	---
Selenium.....	-.0050	---
Silver.....	-.0100	---
Strontium.....	1.1000	2.9000
Thallium.....	-.5000	---
Zinc.....	4.4000	.2100
Laboratory.....	BC	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-33
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
EPA-1

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	05/08/86	05/09/85
Antimony.....	-1.0000	---
Arsenic.....	-.0100	.0030
Barium.....	-.5000	---
Beryllium.....	-.0100	---
Cadmium.....	-.0050	-.0020
Chromium (total).....	-.0100	.0090
Chromium (hexavalent).....	---	---
Chromium (trivalent).....	---	---
Copper.....	-.0100	.0100
Cyanide.....	---	---
Iron.....	.0800	-.0080
Lead.....	-.0100	-.0020
Manganese.....	-.0100	-.0010
Mercury.....	.0003	-.0002
Molybdenum.....	---	---
Nickel.....	-.0500	.0090
Selenium.....	-.0050	-.0020
Silver.....	-.0100	.0100
Strontium.....	.4000	.6600
Thallium.....	-.5000	---
Zinc.....	.0300	.0220
Laboratory.....	BC	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



TABLE B-34

**RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
EPA-2**

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	05/08/86	05/09/85
Antimony.....	-1.0000	---
Arsenic.....	-.0100	-.0020
Barium.....	-.5000	---
Beryllium.....	-.0100	---
Cadmium.....	-.0050	-.0020
Chromium (total).....	-.0100	-.0050
Chromium (hexavalent).....	---	---
Chromium (trivalent).....	---	---
Copper.....	-.0100	.0070
Cyanide.....	---	---
Iron.....	.2800	.2600
Lead.....	-.0100	-.0020
Manganese.....	.2700	.0020
Mercury.....	.0003	-.0002
Molybdenum.....	---	---
Nickel.....	-.0500	.0070
Selenium.....	-.0050	-.0020
Silver.....	-.0100	.0030
Strontium.....	1.2000	3.0000
Thallium.....	-.5000	---
Zinc.....	.0300	.0290
Laboratory.....	BC	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-35
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
EPA-3

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	05/08/86	05/09/85
Antimony.....	-.1.0000	---
Arsenic.....	-.0100	-.0020
Barium.....	-.5000	---
Beryllium.....	-.0100	---
Cadmium.....	-.0050	-.0020
Chromium (total).....	-.0100	.0090
Chromium (hexavalent).....	---	---
Chromium (trivalent).....	---	---
Copper.....	-.0100	.0080
Cyanide.....	---	---
Iron.....	.1000	-.0080
Lead.....	-.0100	-.0020
Manganese.....	.0200	-.0010
Mercury.....	-.0002	.0003
Molybdenum.....	---	---
Nickel.....	-.0500	.0090
Selenium.....	-.0050	-.0020
Silver.....	-.0100	.0090
Strontium.....	.4000	.5200
Thallium.....	-.5000	---
Zinc.....	.0300	.0150
Laboratory.....	BC	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE B-36

**RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
EPA-4**

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	05/08/86
Antimony.....	-1.0000
Arsenic.....	-.0100
Barium.....	-.5000
Beryllium.....	-.0100
Cadmium.....	-.0050
Chromium (total).....	-.0100
Chromium (hexavalent).....	---
Chromium (trivalent).....	---
Copper.....	-.0100
Cyanide.....	---
Iron.....	-.0100
Lead.....	-.0100
Manganese.....	.8600
Mercury.....	.0003
Molybdenum.....	---
Nickel.....	-.0500
Selenium.....	-.0050
Silver.....	-.0100
Strontium.....	5.4000
Thallium.....	-.5000
Zinc.....	.0500
Laboratory.....	8C

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE B-37

RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
CITY OF WHITE SETTLEMENT WELL 1

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	05/08/86	05/09/85
Antimony.....	-1.0000	---
Arsenic.....	-.0100	-.0020
Barium.....	-.5000	---
Beryllium.....	-.0100	---
Cadmium.....	-.0050	-.0020
Chromium (total).....	-.0100	-.0050
Chromium (hexavalent).....	---	---
Chromium (trivalent).....	---	---
Copper.....	-.0100	.0030
Cyanide.....	---	---
Iron.....	.1400	-.0080
Lead.....	-.0100	-.0020
Manganese.....	.0300	.0200
Mercury.....	-.0002	-.0002
Molybdenum.....	---	---
Nickel.....	-.0500	.0120
Selenium.....	-.0050	-.0020
Silver.....	-.0100	.0040
Strontium.....	2.4000	4.2000
Thallium.....	-.5000	---
Zinc.....	.0500	.0090
Laboratory.....	BC	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE B-38

RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
CITY OF WHITE SETTLEMENT WELL 2

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	05/08/86	05/09/85
Antimony.....	-1.0000	---
Arsenic.....	-.0100	-.0020
Barium.....	-.5000	---
Beryllium.....	-.0100	---
Cadmium.....	-.0050	.0040
Chromium (total).....	-.0100	.0190
Chromium (hexavalent).....	---	---
Chromium (trivalent).....	---	---
Copper.....	-.0100	.0180
Cyanide.....	---	---
Iron.....	.1700	.0100
Lead.....	-.0100	-.0020
Manganese.....	.0300	.0150
Mercury.....	-.0002	-.0002
Molybdenum.....	---	---
Nickel.....	-.0500	.0150
Selenium.....	-.0050	-.0020
Silver.....	-.0100	.0250
Strontium.....	2.2000	4.0000
Thallium.....	-.5000	---
Zinc.....	.0200	.0160
Laboratory.....	BC	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE B-39
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
CITY OF WHITE SETTLEMENT WELL 12

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	05/08/86	05/09/85
Antimony.....	-1.0000	---
Arsenic.....	-.0100	-.0020
Barium.....	-.5000	---
Beryllium.....	-.0100	---
Cadmium.....	-.0050	-.0020
Chromium (total).....	-.0100	-.0050
Chromium (hexavalent).....	---	---
Chromium (trivalent).....	---	---
Copper.....	-.0100	.0070
Cyanide.....	---	---
Iron.....	.6600	-.0080
Lead.....	-.0100	-.0070
Manganese.....	.0200	.0070
Mercury.....	-.0002	-.0002
Molybdenum.....	---	---
Nickel.....	-.0500	.0090
Selenium.....	-.0050	-.0020
Silver.....	-.0100	.0080
Strontium.....	1.6000	2.9000
Thallium.....	-.5000	---
Zinc.....	.0200	.0070
Laboratory.....	BC	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE B-40

RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
DOCK 17 WELL

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	06/28/85
Antimony.....	---
Arsenic.....	-.0020
Barium.....	---
Beryllium.....	---
Cadmium.....	-.0020
Chromium (total).....	-.0050
Chromium (hexavalent).....	---
Chromium (trivalent).....	---
Copper.....	-.0010
Cyanide.....	---
Iron.....	.0180
Lead.....	.0050
Manganese.....	.0590
Mercury.....	-.0002
Molybdenum.....	---
Nickel.....	---
Selenium.....	-.0020
Silver.....	-.0020
Strontium.....	.6600
Thallium.....	---
Zinc.....	.0360
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE B-41
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
CREEK STATION C-5

CONSTITUENTS (milligrams per liter)	DATE SAMPLED
	08/26/85
Antimony.....	---
Arsenic.....	.0030
Barium.....	---
Beryllium.....	---
Cadmium.....	.0020
Chromium (total).....	.0050
Chromium (hexavalent).....	---
Chromium (trivalent).....	---
Copper.....	.0160
Cyanide.....	---
Iron.....	.1200
Lead.....	.0020
Manganese.....	---
Mercury.....	.0002
Molybdenum.....	---
Nickel.....	---
Selenium.....	.0020
Silver.....	---
Strontium.....	.3500
Thallium.....	---
Zinc.....	---
Laboratory.....	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS & ASSOCIATES, INC.

TABLE B-42
RESULTS OF ANALYSES FOR TRACE METAL CONSTITUENTS AND CYANIDE
IN WATER SAMPLES COLLECTED FROM
CREEK SEEP

CONSTITUENTS (milligrams per liter)	DATE SAMPLED	
	08/26/85	06/26/85
Antimony.....	---	---
Arsenic.....	-.0020	-.0020
Barium.....	---	---
Beryllium.....	---	---
Cadmium.....	-.0020	-.0020
Chromium (total).....	.0790	.0540
Chromium (hexavalent).....	---	---
Chromium (trivalent).....	---	---
Copper.....	.0090	.0020
Cyanide.....	---	---
Iron.....	-.0080	.0580
Lead.....	-.0020	-.0020
Manganese.....	---	.0020
Mercury.....	-.0002	.0010
Molybdenum.....	---	---
Nickel.....	---	---
Selenium.....	-.0020	-.0020
Silver.....	---	-.0020
Strontium.....	.6100	.6400
Thallium.....	---	---
Zinc.....	---	.0340
Laboratory.....	Radian	Radian

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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APPENDIX C

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM MONITOR WELLS**



APPENDIX C

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TABLE C-1
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-2

COMPOUND (micrograms per liter)	04/05/86	10/08/85	DATE SAMPLED
Acrolein.....	ND	ND	
Acrylonitrile.....	ND	ND	
Benzene.....	ND	ND	
Bromodichloromethane.....	ND	ND	
Bromoform.....	ND	ND	
Bromomethane.....	ND	ND	
Carbon Tetrachloride.....	ND	ND	
Chlorobenzene.....	ND	ND	
Chloroethane.....	ND	ND	
2-Chloroethylvinyl ether.....	ND	ND	
Chloroform.....	ND	ND	
Chloromethane.....	ND	ND	
Dibromochloromethane.....	ND	ND	
1,1-Dichloroethane.....	ND	ND	
1,2-Dichloroethane.....	ND	ND	
1,1-Dichloroethylene.....	ND	ND	
Trans-1,2-Dichloroethylene....	ND	ND	
1,2-Dichloropropane.....	ND	ND	
1,3-Dichloropropylene.....	ND	ND	
Ethylbenzene.....	ND	ND	
Methylene Chloride.....	ND	ND	
1,1,2,2-Tetrachloroethane.....	ND	ND	
Tetrachloroethylene.....	ND	ND	
1,1,1-Trichloroethane.....	ND	ND	
1,1,2-Trichloroethane.....	ND	ND	
Trichloroethylene.....	ND	ND	
Toluene.....	ND	1	
Vinyl Chloride.....	ND	ND	
EPA Method Number.....	624	624	
Laboratory.....	Brown & Caldwell	Brown & Caldwell	

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE C-2
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-5

COMPOUND (micrograms per liter)	DATE SAMPLED	
	04/04/86	06/30/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND
1,2-Dichloropropane.....	ND	ND
1,3-Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	ND	ND
Toluene.....	ND	ND
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC

TABLE C-3
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-7

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/07/86	04/05/86	03/12/86	02/13/86	01/11/86	12/11/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	28	24	36	17	35	40
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	2	2	3	2	7	5
Chloroethane.....	1	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	4	5	3	ND	5
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	9	11	13	8	87	15
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	270	35	440	220	540	400
Methylene Chloride.....	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND	55	ND
Toluene.....	28	23	45	39	88	120
Vinyl Chloride.....	260	17	88	59	120	ND
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed



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TABLE C-3 (CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM HM-7

COMPOUND (micrograms per liter)	DATE SAMPLED				
	11/07/85	10/10/85	08/25/85	06/30/85	05/08/85
Acrolein.....	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND
Benzene.....	50	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND	ND
Ethylbenzene.....	570	600	50	700	450
Methylene Chloride.....	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	350	ND
Toluene.....	400	650	900	2200	1500
Vinyl Chloride.....	140	ND	ND	100	ND
EPA Method Number.....	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

() = Less than; numerical value is the Limit of Detection for that compound
() = Not analyzed



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TABLE C-4
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-8

COMPOUND (micrograms per liter)	DATE SAMPLED	
	04/05/86	10/08/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND
1,2-Dichloropropane.....	ND	ND
1,3-Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	ND	ND
Toluene.....	ND	1
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE C-5
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-9

COMPOUND (micrograms per liter)	DATE SAMPLED	
	04/08/86	06/30/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND
1,2-Dichloropropane.....	ND	ND
1,3-Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	ND	ND
Toluene.....	ND	ND
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE C-6
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-10

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/07/86	04/03/86	03/12/86	02/13/86	01/11/86	12/11/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	2	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	21	34	28	33	24	18
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	17	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND	ND
Trichloroethylene.....	ND	21	17	21	23	30
Toluene.....	ND	ND	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C- 6 (CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM HM-10

COMPOUND (micrograms per liter)	DATE SAMPLED				
	11/07/85	10/09/85	08/25/85	06/30/85	05/08/85
Acrolein.....	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	11	ND	10	16	26
1,2-Dichloropropane.....	ND	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND
Trichloroethylene.....	29	45	40	40	100
Toluene.....	ND	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-7

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-11**

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/09/85
Acrolein.....	ND
Acrylonitrile.....	ND
Benzene.....	ND
Bromodichloromethane.....	ND
Bromoform.....	ND
Bromomethane.....	ND
Carbon Tetrachloride.....	ND
Chlorobenzene.....	ND
Chloroethane.....	ND
2-Chloroethylvinyl ether.....	ND
Chloroform.....	ND
Chloromethane.....	ND
Dibromochloromethane.....	ND
1,1-Dichloroethane.....	ND
1,2-Dichloroethane.....	ND
1,1-Dichloroethylene.....	ND
Trans-1,2-Dichloroethylene....	4
1,2-Dichloropropane.....	ND
1,3-Dichloropropylene.....	ND
Ethylbenzene.....	ND
Methylene Chloride.....	ND
1,1,2,2-Tetrachloroethane.....	ND
Tetrachloroethylene.....	2
1,1,1-Trichloroethane.....	ND
1,1,2-Trichloroethane.....	ND
Trichloroethylene.....	53
Toluene.....	ND
Vinyl Chloride.....	ND
EPA Method Number.....	624
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-8
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-12

COMPOUND (micrograms per liter)	DATE SAMPLED	
	04/04/86	04/03/86
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	2
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene.....	ND	8
1,2-Dichloropropane.....	ND	ND
1,3-Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	ND	28
Toluene.....	ND	ND
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-9
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-16

COMPOUND (micrograms per liter)	04/05/86	01/11/86	10/08/85	DATE SAMPLED
Acrolein.....	ND	ND	ND	
Acrylonitrile.....	ND	ND	ND	
Benzene.....	ND	ND	ND	
Bromodichloromethane.....	ND	ND	ND	
Bromoform.....	ND	ND	ND	
Bromomethane.....	ND	ND	ND	
Carbon Tetrachloride.....	ND	ND	ND	
Chlorobenzene.....	ND	ND	ND	
Chloroethane.....	ND	ND	ND	
2-Chloroethylvinyl ether.....	ND	ND	ND	
Chloroform.....	ND	ND	ND	
Chloromethane.....	ND	ND	ND	
Dibromochloromethane.....	ND	ND	ND	
1,1-Dichloroethane.....	ND	ND	ND	
1,2-Dichloroethane.....	ND	ND	ND	
1,1-Dichloroethylene.....	ND	ND	ND	
Trans-1,2-Dichloroethylene.....	ND	ND	ND	
1,2-Dichloropropane.....	ND	ND	ND	
1,3-Dichloropropylene.....	ND	ND	ND	
Ethylbenzene.....	ND	ND	ND	
Methylene Chloride.....	ND	ND	ND	
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	
Tetrachloroethylene.....	ND	ND	ND	
1,1,1-Trichloroethane.....	ND	ND	ND	
1,1,2-Trichloroethane.....	ND	ND	ND	
Trichloroethylene.....	4400	4900	4500	
Toluene.....	ND	ND	10	
Vinyl Chloride.....	ND	ND	ND	
EPA Method Number.....	624	624	624	
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-10
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-17

COMPOUND (micrograms per liter)	DATE SAMPLED		
	04/04/86	01/10/86	10/13/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	50	30	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	40
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	26000	10000	6400
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-11

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-18**

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/05/86	01/11/86	10/09/85	06/30/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	3	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-12

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-19**

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/07/86	04/06/86	03/12/86	01/11/86	12/11/85	11/07/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	12	12	22	27	26
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND	ND
Trichloroethylene.....	ND	6	8	10	10	11
Toluene.....	ND	ND	4	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-12 (CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM HM-19

COMPOUND (micrograms per liter)	10/10/85	08/25/85	DATE 06/30/85	SAMPLED 05/08/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	4	1	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene.....	45	26	30	36
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	14	12	13	11
Toluene.....	ND	2	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-13
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-20

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/07/86	04/02/86	03/12/86	02/12/86	01/08/86	12/12/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	41	70	30	50	20	27
Trans-1,2-Dichloroethylene.....	2	ND	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	160	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	150	350	180	220	150	170
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND	ND
Trichloroethylene.....	390	940	620	1200	1300	2000
Toluene.....	ND	ND	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-13 (CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM HM-20

COMPOUND (micrograms per liter)	DATE SAMPLED				
	11/06/85	10/08/85	08/26/85	06/27/85	05/09/85
Acrolein.....	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	10	2	5	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	50	12	25	30	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND
Trichloroethylene.....	2300	2100	3400	1200	520
Toluene.....	ND	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

AD-A180 246

WATER QUALITY DATA: US AIR FORCE PLANT NUMBER 4 FORT
WORTH, TEXAS (U) HARGIS AND ASSOCIATES INC LA JOLLA CA
15 MAY 86

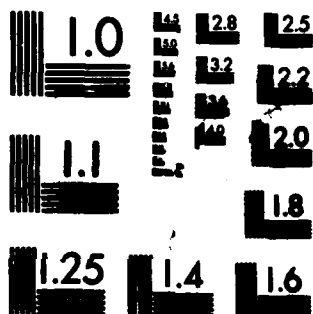
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TABLE C-14
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-21

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/07/86	04/08/86	03/12/86	02/12/86	01/09/86	12/11/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	5000	4100	3750	5100	7500	23000
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	ND	2600
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE C-14 (CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM HM-21

COMPOUND (micrograms per liter)	DATE SAMPLED				
	11/06/85	10/09/85	08/26/85	06/30/85	05/08/85
Acrolein.....	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	20	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	12	ND
Chloroethane.....	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	4100
1,1-Dichloroethylene.....	ND	ND	ND	ND	40
Trans-1,2-Dichloroethylene.....	15000	10000	18000	15000	18000
1,2-Dichloropropane.....	ND	ND	ND	ND	30
1,3-Dichloropropylene.....	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	30
Methylene Chloride.....	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	40	30
Toluene.....	ND	ND	ND	140	740
Vinyl Chloride.....	1900	ND	700	5600	6100
EPA Method Number.....	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE C-15

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-22**

COMPOUND (micrograms per liter)	DATE SAMPLED	
	04/05/86	10/12/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND
1,2-Dichloropropane.....	ND	ND
1,3-Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	ND	ND
Toluene.....	ND	ND
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(....) = Not analyzed

TABLE C-16

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-23

COMPOUND (micrograms per liter)	DATE SAMPLED
	04/05/86
Acrolein.....	ND
Acrylonitrile.....	ND
Benzene.....	ND
Bromodichloromethane.....	ND
Bromoform.....	ND
Bromomethane.....	ND
Carbon Tetrachloride.....	ND
Chlorobenzene.....	ND
Chloroethane.....	ND
2-Chloroethylvinyl ether.....	ND
Chloroform.....	ND
Chloromethane.....	ND
Dibromochloromethane.....	ND
1,1-Dichloroethane.....	ND
1,2-Dichloroethane.....	ND
1,1-Dichloroethylene.....	ND
Trans-1,2-Dichloroethylene....	ND
1,2-Dichloropropene.....	ND
1,3-Dichloropropylene.....	ND
Ethylbenzene.....	ND
Methylene Chloride.....	ND
1,1,2,2-Tetrachloroethane.....	ND
Tetrachloroethylene.....	ND
1,1,1-Trichloroethane.....	ND
1,1,2-Trichloroethane.....	ND
Trichloroethylene.....	ND
Toluene.....	ND
Vinyl Chloride.....	ND
EPA Method Number.....	624
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE C-17
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-24

COMPOUND (micrograms per liter)	04/05/86	10/08/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	44	19
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	5	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND
1,2-Dichloropropane.....	ND	5
1,3-Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	1	ND
Trichloroethylene.....	3	3
Toluene.....	ND	ND
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE C-18

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-25

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/03/86	01/10/86	10/09/85	06/28/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	200	200	140	200
Bromodichloromethane.....	ND	ND	5	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	3300	3900	3300	2400
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	85	53	35	50
1,2-Dichloropropane.....	ND	ND	10	15
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	300	200	190	180
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	55	ND	5	ND
Vinyl Chloride.....	5	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE C-19
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-26

COMPOUND (micrograms per liter)	DATE SAMPLED		
	04/07/86	01/12/86	10/09/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	11
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	2	ND	ND
Trans-1,2-Dichloroethylene....	220	140	68
1,2-Dichloropropane.....	1	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	2	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	1000	750	580
Toluene.....	ND	ND	3
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-20
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-27

COMPOUND (micrograms per liter)	DATE SAMPLED		
	04/07/86	01/12/86	10/09/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	16
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	110	75	44
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	24
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	280	150	280
Toluene.....	ND	ND	2
Vinyl Chloride.....	ND	6	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE C-21

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-28

COMPOUND (micrograms per liter)	04/04/86	01/10/86	DATE SAMPLED 10/09/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	6
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	6	12	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	140	320	290
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	210	ND
Trichloroethylene.....	320	450	1800
Toluene.....	ND	ND	2
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-22

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-29**

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/02/86	01/08/86	12/12/85	10/08/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	25	24	25	20
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	3000	1900	2100	2200
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-23
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-30

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/05/86	01/10/86	10/08/85	06/29/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	75	230	300	720
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-24
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-31

COMPOUND (micrograms per liter)	DATE SAMPLED		
	04/03/86	10/09/85	06/28/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	1200	1000	640
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	2200	2300	2400
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



TABLE C-25
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-32

COMPOUND (micrograms per liter)	DATE SAMPLED
	04/05/86
Acrolein.....	ND
Acrylonitrile.....	ND
Benzene.....	ND
Bromodichloromethane.....	ND
Bromoform.....	ND
Bromomethane.....	ND
Carbon Tetrachloride.....	ND
Chlorobenzene.....	ND
Chloroethane.....	ND
2-Chloroethylvinyl ether.....	ND
Chloroform.....	1
Chloromethane.....	ND
Dibromochloromethane.....	ND
1,1-Dichloroethane.....	ND
1,2-Dichloroethane.....	ND
1,1-Dichloroethylene.....	ND
Trans-1,2-Dichloroethylene....	ND
1,2-Dichloropropane.....	ND
1,3-Dichloropropylene.....	ND
Ethylbenzene.....	ND
Methylene Chloride.....	ND
1,1,2,2-Tetrachloroethane.....	ND
Tetrachloroethylene.....	ND
1,1,1-Trichloroethane.....	ND
1,1,2-Trichloroethane.....	ND
Trichloroethylene.....	ND
Toluene.....	ND
Vinyl Chloride.....	ND
EPA Method Number.....	624
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-26

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-36**

COMPOUND (micrograms per liter)	DATE SAMPLED	
	10/11/85	06/30/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene....	ND	2
1,2-Dichloropropane.....	ND	ND
1,3-Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	1	ND
Toluene.....	ND	ND
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



TABLE C-27

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-37**

COMPOUND (micrograms per liter)	04/07/86	01/09/86	10/10/85	DATE SAMPLED 06/30/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	120	100	90	400
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	270	290	340	660
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	70
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE C-28

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-38**

COMPOUND (micrograms per liter)	04/07/86	01/12/86	DATE 10/10/85	SAMPLED 06/30/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	23000	28000	28000	20000
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	110000	130000	120000	87000
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	6000	1000
Methylene Chloride.....	100000	110000	650000	150000
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	14000	7000	2000
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	240000	510000	530000	380000
Toluene.....	83000	330000	390000	150000
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-29

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-39**

COMPOUND (micrograms per liter)	04/07/86	01/12/86	DATE 10/10/85	SAMPLED 06/30/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	11	10	27	41
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	2
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-30

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-40

COMPOUND (micrograms per liter)	DATE SAMPLED
	04/05/86
Acrolein.....	ND
Acrylonitrile.....	ND
Benzene.....	ND
Bromodichloromethane.....	ND
Bromoform.....	ND
Bromomethane.....	ND
Carbon Tetrachloride.....	ND
Chlorobenzene.....	ND
Chloroethane.....	ND
2-Chloroethylvinyl ether.....	ND
Chloroform.....	ND
Chloromethane.....	ND
Dibromochloromethane.....	ND
1,1-Dichloroethane.....	ND
1,2-Dichloroethane.....	ND
1,1-Dichloroethylene.....	ND
Trans-1,2-Dichloroethylene.....	ND
1,2-Dichloropropane.....	ND
1,3-Dichloropropylene.....	ND
Ethylbenzene.....	ND
Methylene Chloride.....	ND
1,1,2,2-Tetrachloroethane.....	ND
Tetrachloroethylene.....	ND
1,1,1-Trichloroethane.....	ND
1,1,2-Trichloroethane.....	ND
Trichloroethylene.....	ND
Toluene.....	ND
Vinyl Chloride.....	ND
EPA Method Number.....	624
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



TABLE C-31
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-41

COMPOUND (micrograms per liter)	DATE SAMPLED	
	04/05/86	10/08/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND
1,2-Dichloropropene.....	ND	ND
1,3-Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	4	1
Toluene.....	ND	ND
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



TABLE C-32

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-42**

COMPOUND (micrograms per liter)	DATE SAMPLED
	06/29/85
Acrolein.....	ND
Acrylonitrile.....	ND
Benzene.....	ND
Bromodichloromethane.....	ND
Bromoform.....	ND
Bromomethane.....	ND
Carbon Tetrachloride.....	ND
Chlorobenzene.....	ND
Chloroethane.....	ND
2-Chloroethylvinyl ether.....	ND
Chloroform.....	ND
Chloromethane.....	ND
Dibromochloromethane.....	ND
1,1-Dichloroethane.....	ND
1,2-Dichloroethane.....	ND
1,1-Dichloroethylene.....	ND
Trans-1,2-Dichloroethylene.....	ND
1,2-Dichloropropane.....	ND
1,3-Dichloropropylene.....	ND
Ethylbenzene.....	ND
Methylene Chloride.....	ND
1,1,2,2-Tetrachloroethane.....	ND
Tetrachloroethylene.....	ND
1,1,1-Trichloroethane.....	ND
1,1,2-Trichloroethane.....	ND
Trichloroethylene.....	ND
Toluene.....	ND
Vinyl Chloride.....	ND
EPA Method Number.....	624
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed

TABLE C-33

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-44**

COMPOUND (micrograms per liter)	DATE SAMPLED
	06/29/85
Acrolein.....	ND
Acrylonitrile.....	ND
Benzene.....	ND
Bromodichloromethane.....	ND
Bromoform.....	ND
Bromomethane.....	ND
Carbon Tetrachloride.....	ND
Chlorobenzene.....	ND
Chloroethane.....	ND
2-Chloroethylvinyl ether.....	ND
Chloroform.....	ND
Chloromethane.....	ND
Dibromochloromethane.....	ND
1,1-Dichloroethane.....	ND
1,2-Dichloroethane.....	ND
1,1-Dichloroethylene.....	ND
Trans-1,2-Dichloroethylene....	ND
1,2-Dichloropropane.....	ND
1,3-Dichloropropylene.....	ND
Ethylbenzene.....	ND
Methylene Chloride.....	ND
1,1,2,2-Tetrachloroethane.....	ND
Tetrachloroethylene.....	ND
1,1,1-Trichloroethane.....	ND
1,1,2-Trichloroethane.....	ND
Trichloroethylene.....	ND
Toluene.....	3
Vinyl Chloride.....	ND
EPA Method Number.....	624
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-34

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-45

COMPOUND (micrograms per liter)	DATE SAMPLED
	06/29/85
Acrolein.....	ND
Acrylonitrile.....	ND
Benzene.....	ND
Bromodichloromethane.....	ND
Bromoform.....	ND
Bromomethane.....	ND
Carbon Tetrachloride.....	ND
Chlorobenzene.....	ND
Chloroethane.....	ND
2-Chloroethylvinyl ether.....	ND
Chloroform.....	ND
Chloromethane.....	ND
Dibromochloromethane.....	ND
1,1-Dichloroethane.....	8
1,2-Dichloroethane.....	ND
1,1-Dichloroethylene.....	120
Trans-1,2-Dichloroethylene....	84
1,2-Dichloropropene.....	ND
1,3-Dichloropropylene.....	ND
Ethylbenzene.....	ND
Methylene Chloride.....	ND
1,1,2,2-Tetrachloroethane.....	ND
Tetrachloroethylene.....	9
1,1,1-Trichloroethane.....	22
1,1,2-Trichloroethane.....	ND
Trichloroethylene.....	350
Toluene.....	ND
Vinyl Chloride.....	ND
EPA Method Number.....	624
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound

(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-35

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-46

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/08/85
Acrolein.....	ND
Acrylonitrile.....	ND
Benzene.....	ND
Bromodichloromethane.....	ND
Bromoform.....	ND
Bromomethane.....	ND
Carbon Tetrachloride.....	ND
Chlorobenzene.....	ND
Chloroethane.....	ND
2-Chloroethyl(vinyl ether).....	ND
Chloroform.....	ND
Chloromethane.....	ND
Dibromochloromethane.....	ND
1,1-Dichloroethane.....	ND
1,2-Dichloroethane.....	ND
1,1-Dichloroethylene.....	ND
Trans-1,2-Dichloroethylene....	ND
1,2-Dichloropropane.....	ND
1,3-Dichloropropylene.....	ND
Ethylbenzene.....	ND
Methylene Chloride.....	ND
1,1,2,2-Tetrachloroethane.....	ND
Tetrachloroethylene.....	ND
1,1,1-Trichloroethane.....	ND
1,1,2-Trichloroethane.....	ND
Trichloroethylene.....	ND
Toluene.....	ND
Vinyl Chloride.....	ND
EPA Method Number.....	624
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-36

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-47

COMPOUND (micrograms per liter)	04/03/86	01/10/86	DATE SAMPLED 10/08/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	470	460	370
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	40	20	10
Trans-1,2-Dichloroethylene....	2200	1400	1200
1,2-Dichloropropane.....	ND	10	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	550	220	270
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	6800	2600	6500
Toluene.....	ND	ND	ND
Vinyl Chloride.....	60	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-37

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-48**

COMPOUND (micrograms per liter)	DATE SAMPLED	
	04/03/86	10/09/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	2
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND
1,2-Dichloropropene.....	ND	ND
1,3-Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	140	86
Toluene.....	ND	3
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound

(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-38
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-49

COMPOUND (micrograms per liter)	04/06/86	01/12/86	DATE 10/11/85 SAMPLED
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	3	2	2
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-39
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-50

COMPOUND (micrograms per liter)	DATE SAMPLED		
	04/06/86	01/12/86	10/11/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	1300	1100	2800
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane....	ND	ND	ND
Tetrachloroethylene.....	ND	5	20
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	30	80
Toluene.....	ND	ND	20
Vinyl Chloride.....	83	ND	4000
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-40

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-51

COMPOUND (micrograms per liter)	DATE SAMPLED				
	04/06/86	01/12/86	08/25/85	06/26/85	06/26/85
Acrolein.....	ND	ND	ND	---	ND
Acrylonitrile.....	ND	ND	ND	---	ND
Benzene.....	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND
Chloroform.....	2300	3400	3000	1200	1200
Chloromethane.....	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	14000	22000	24000	1000	5000
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	39000	19000	14000	23000	20000
1,2-Dichloropropene.....	ND	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND
Methylene Chloride.....	36000	85000	140000	39000	23000
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND
Trichloroethylene.....	120000	140000	240000	100000	75000
Toluene.....	18000	29000	31000	9800	12000
Vinyl Chloride.....	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	McKesson	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-41
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-52

COMPOUND (micrograms per liter)	04/07/86	10/09/85	DATE SAMPLED 08/27/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	1	ND	2
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	3	ND	3
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	45	110	2
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



TABLE C-42
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-53

COMPOUND (micrograms per liter)	04/03/86	01/10/86	10/10/85	DATE SAMPLED 08/27/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	310	77	220	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	5	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	30	8	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE C-43

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-54

COMPOUND (micrograms per liter)	DATE SAMPLED
	04/07/86
Acrolein.....	ND
Acrylonitrile.....	ND
Benzene.....	ND
Bromodichloromethane.....	ND
Bromoform.....	ND
Bromomethane.....	ND
Carbon Tetrachloride.....	ND
Chlorobenzene.....	ND
Chloroethane.....	ND
2-Chloroethylvinyl ether.....	ND
Chloroform.....	ND
Chloromethane.....	ND
Dibromochloromethane.....	ND
1,1-Dichloroethane.....	ND
1,2-Dichloroethane.....	ND
1,1-Dichloroethylene.....	ND
Trans-1,2-Dichloroethylene....	ND
1,2-Dichloropropane.....	ND
1,3-Dichloropropylene.....	ND
Ethylbenzene.....	ND
Methylene Chloride.....	ND
1,1,2,2-Tetrachloroethane.....	ND
Tetrachloroethylene.....	ND
1,1,1-Trichloroethane.....	ND
1,1,2-Trichloroethane.....	ND
Trichloroethylene.....	7
Toluene.....	ND
Vinyl Chloride.....	ND
EPA Method Number.....	624
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-44
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-55

COMPOUND (micrograms per liter)	DATE SAMPLED				
	04/02/86	01/10/86	12/13/85	12/11/85	08/26/85
Acrolein.....	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND
Trichloroethylene.....	2	2	4	13	4
Toluene.....	15	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-45
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-56

COMPOUND (micrograms per liter)	DATE			SAMPLED
	04/05/86	10/11/85	06/29/85	
Acrolein.....	ND	ND	ND	
Acrylonitrile.....	ND	ND	ND	
Benzene.....	190	390	440	
Bromodichloromethane.....	ND	ND	ND	
Bromoform.....	ND	ND	ND	
Bromomethane.....	ND	ND	ND	
Carbon Tetrachloride.....	ND	ND	ND	
Chlorobenzene.....	ND	ND	ND	
Chloroethane.....	ND	ND	ND	
2-Chloroethylvinyl ether.....	ND	ND	ND	
Chloroform.....	ND	ND	ND	
Chloromethane.....	ND	ND	ND	
Dibromochloromethane.....	ND	ND	ND	
1,1-Dichloroethane.....	ND	ND	ND	
1,2-Dichloroethane.....	ND	ND	ND	
1,1-Dichloroethylene.....	ND	ND	ND	
Trans-1,2-Dichloroethylene.....	ND	5	5	
1,2-Dichloropropane.....	ND	ND	ND	
1,3-Dichloropropylene.....	ND	ND	ND	
Ethylbenzene.....	ND	ND	70	
Methylene Chloride.....	ND	ND	ND	
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	
Tetrachloroethylene.....	ND	10	ND	
1,1,1-Trichloroethane.....	ND	ND	ND	
1,1,2-Trichloroethane.....	ND	ND	ND	
Trichloroethylene.....	ND	10	ND	
Toluene.....	ND	25	25	
Vinyl Chloride.....	ND	ND	ND	
EPA Method Number.....	624	624	624	
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-46
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-57

COMPOUND (micrograms per liter)	DATE SAMPLED
	06/29/85
Acrolein.....	ND
Acrylonitrile.....	ND
Benzene.....	ND
Bromodichloromethane.....	ND
Bromoform.....	ND
Bromomethane.....	ND
Carbon Tetrachloride.....	ND
Chlorobenzene.....	ND
Chloroethane.....	ND
2-Chloroethylvinyl ether.....	ND
Chloroform.....	ND
Chloromethane.....	ND
Dibromochloromethane.....	ND
1,1-Dichloroethane.....	ND
1,2-Dichloroethane.....	ND
1,1-Dichloroethylene.....	ND
Trans-1,2-Dichloroethylene....	ND
1,2-Dichloropropene.....	ND
1,3-Dichloropropylene.....	ND
Ethylbenzene.....	ND
Methylene Chloride.....	ND
1,1,2,2-Tetrachloroethane.....	ND
Tetrachloroethylene.....	ND
1,1,1-Trichloroethane.....	ND
1,1,2-Trichloroethane.....	ND
Trichloroethylene.....	ND
Toluene.....	ND
Vinyl Chloride.....	ND
EPA Method Number.....	624
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



TABLE C-47

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-58

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/11/85
Acrolein.....	ND
Acrylonitrile.....	ND
Benzene.....	ND
Bromodichloromethane.....	ND
Bromoform.....	ND
Bromomethane.....	ND
Carbon Tetrachloride.....	ND
Chlorobenzene.....	ND
Chloroethane.....	ND
2-Chloroethylvinyl ether.....	ND
Chloroform.....	ND
Chloromethane.....	ND
Dibromochloromethane.....	ND
1,1-Dichloroethane.....	ND
1,2-Dichloroethane.....	ND
1,1-Dichloroethylene.....	ND
Trans-1,2-Dichloroethylene....	1
1,2-Dichloropropane.....	ND
1,3-Dichloropropylene.....	ND
Ethylbenzene.....	ND
Methylene Chloride.....	ND
1,1,2,2-Tetrachloroethane.....	ND
Tetrachloroethylene.....	ND
1,1,1-Trichloroethane.....	ND
1,1,2-Trichloroethane.....	ND
Trichloroethylene.....	ND
Toluene.....	ND
Vinyl Chloride.....	ND
EPA Method Number.....	624
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-48

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-59**

COMPOUND (micrograms per liter)	DATE SAMPLED		
	04/04/86	10/11/85	06/29/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	45	65	63
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	9	11	12
Toluene.....	ND	ND	5
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-49

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-60

COMPOUND (micrograms per liter)	DATE SAMPLED		
	04/04/86	10/12/85	07/01/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	55	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	620	890
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-50
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-62

COMPOUND (micrograms per liter)	04/02/86	01/09/86	10/10/85	06/30/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	1	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	1	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	5	4	11	5
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	7	9	14	35
Toluene.....	ND	ND	2	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



TABLE C-51

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-63**

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/06/86	10/10/85	08/27/85	06/30/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	2
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	29	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	4	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	43	4	ND	ND
Trans-1,2-Dichloroethylene....	740	670	510	110
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	2	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	3	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	3300	790	710	4
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	14	30	ND	19
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



TABLE C-52

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-64

COMPOUND (micrograms per liter)	DATE SAMPLED	
	04/07/86	10/11/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene....	ND	1
1,2-Dichloropropane.....	ND	ND
1,3-Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane....	ND	ND
Tetrachloroethylene.....	150	300
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	76	220
Toluene.....	ND	1
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-53
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-65

COMPOUND (micrograms per liter)	04/06/86	01/12/86	10/10/85	06/30/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	2	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	4	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-54
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-66

COMPOUND (micrograms per liter)	04/06/86	10/12/85	DATE SAMPLED 06/30/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	1
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	34	220	57
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-55

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-68

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/08/86	01/09/86	10/12/85	07/01/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	27	7	ND	ND
Toluene.....	10	8	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-56

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-69**

COMPOUND (micrograms per liter)	04/02/86	10/12/85	DATE SAMPLED 07/01/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	4
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	3	4	3
Toluene.....	ND	1	2
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-57

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-70**

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/07/86	01/10/86	10/12/85	06/28/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	7900	8000	8500	9200
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-58
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-71

COMPOUND (micrograms per liter)	DATE SAMPLED		
	04/08/86	10/12/85	06/28/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	15	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	21	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	800	1200	1200
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-59

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-72**

COMPOUND (micrograms per liter)	DATE SAMPLED		
	04/04/86	10/12/85	06/28/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	1	ND	ND
Toluene.....	ND	1	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-60

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-73**

COMPOUND (micrograms per liter)	04/04/86	10/12/85	DATE SAMPLED 06/27/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND	ND
1,2-Dichloropropene.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-61

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-74

COMPOUND (micrograms per liter)	04/04/86	10/12/85	DATE SAMPLED 06/26/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND
1,2-Dichloropropene.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-62

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-75

COMPOUND (micrograms per liter)	DATE SAMPLED	
	04/07/86	06/27/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND
1,2-Dichloropropane.....	ND	ND
1,3-Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	ND	ND
Toluene.....	ND	ND
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound

(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-63

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-76**

COMPOUND (micrograms per liter)	04/03/86	06/27/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND
1,2-Dichloropropane.....	ND	ND
1,3-Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	ND	ND
Toluene.....	ND	ND
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-64
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-77

COMPOUND (micrograms per liter)	04/04/86	10/08/85	DATE SAMPLED 06/28/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	1	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	3	2	9
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-65

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-78

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/08/86	01/10/86	10/12/85	07/01/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	3300	2100	3800	5200
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	390	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	710	250	650	1100
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	120	ND
Toluene.....	330	230	380	1200
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-66

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-79

COMPOUND (micrograms per liter)	04/08/86	10/11/85	DATE SAMPLED 06/28/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	4	3	5
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	71	83	150
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS & ASSOCIATES, INC.

TABLE C-67
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-80

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/07/86	01/10/86	12/13/85	06/26/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	2	2	4
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-68

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-81

COMPOUND (micrograms per liter)	DATE SAMPLED	
	04/07/86	06/28/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND
1,2-Dichloropropane.....	ND	ND
1,3-Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	ND	ND
Toluene.....	ND	ND
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-69

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-82**

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/08/86	01/09/86	10/12/85	06/28/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	1100	1100	700	860
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	16000	13000	14000	15000
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-70
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-83

COMPOUND (micrograms per liter)	04/04/86	01/10/86	12/12/85	DATE SAMPLED 11/08/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	4	2	2	3
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	13	7	7	10
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-71

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-84**

COMPOUND (micrograms per liter)	04/04/86	01/10/86	DATE 12/12/85	SAMPLED 11/08/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	4	ND	2	3
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	1	4
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-72

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-85**

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/04/86	01/10/86	12/12/85	11/08/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	3	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-73

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-1**

COMPOUND (micrograms per liter)	04/02/86	01/08/86	DATE SAMPLED 06/25/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-74
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-2

COMPOUND (micrograms per liter)	04/05/86	01/10/86	DATE SAMPLED 06/27/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-75

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-3

COMPOUND (micrograms per liter)	DATE SAMPLED
	04/06/86
Acrolein.....	ND
Acrylonitrile.....	ND
Benzene.....	ND
Bromodichloromethane.....	ND
Bromoform.....	ND
Bromomethane.....	ND
Carbon Tetrachloride.....	ND
Chlorobenzene.....	ND
Chloroethane.....	ND
2-Chloroethylvinyl ether.....	ND
Chloroform.....	2
Chloromethane.....	ND
Dibromochloromethane.....	ND
1,1-Dichloroethane.....	ND
1,2-Dichloroethane.....	ND
1,1-Dichloroethylene.....	ND
Trans-1,2-Dichloroethylene....	ND
1,2-Dichloropropane.....	ND
1,3 Dichloropropylene.....	ND
Ethylbenzene.....	ND
Methylene Chloride.....	ND
1,1,2,2-Tetrachloroethane.....	ND
Tetrachloroethylene.....	ND
1,1,1-Trichloroethane.....	ND
1,1,2-Trichloroethane.....	ND
Trichloroethylene.....	ND
Toluene.....	8
Vinyl Chloride.....	ND
EPA Method Number.....	624
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-76

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-4

COMPOUND (micrograms per liter)	DATE SAMPLED				
	04/02/86	01/09/86	10/09/85	06/25/85	06/25/85
Acrolein.....	ND	ND	ND	---	---
Acrylonitrile.....	ND	ND	ND	---	ND
Benzene.....	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	130	120	160	260	210
1,2-Dichloropropane.....	ND	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND	ND
Vinyl Chloride.....	36	ND	110	41	52
EPA Method Number.....	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	McKesson	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound

(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-77

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-5 UPPER**

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/02/86	01/08/86	10/09/85	06/27/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	12	6	2	4
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	22	ND	ND	2
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-78
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-5 MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/02/86	01/08/86	10/09/85	06/27/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	9	6	5	8
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	2
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-79

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-6 UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED				
	04/04/86	01/10/86	10/10/85	07/01/85	07/01/85
Acrolein.....	ND	ND	ND	---	ND
Acrylonitrile.....	ND	ND	ND	---	ND
Benzene.....	ND	3	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	1
Methylene Chloride.....	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND	ND
Toluene.....	3	7	8	ND	4
Vinyl Chloride.....	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	McKesson	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-80

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-6 MIDDLE**

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/02/86	01/08/86	10/10/85	06/27/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	7	5	5	7
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-81

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-7 UPPER**

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/03/86	01/08/86	10/09/85	06/27/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-82

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-7 MIDDLE**

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/03/86	01/09/86	10/09/85	06/27/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene.....	3	2	ND	4
1,2-Dichloropropene.....	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-83
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-8 UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/05/86	01/10/86	06/25/85	06/25/85
Acrolein.....	ND	ND	---	ND
Acrylonitrile.....	ND	ND	---	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	170	200	180	300
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	670	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	5300	4200	2000	8500
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	McKesson	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-84

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-8 MIDDLE**

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/08/86	04/02/86	02/13/86	01/09/86	10/10/85	06/25/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	1	ND	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-84 (CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM P-8 MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED
	05/09/85
Acrolein.....	ND
Acrylonitrile.....	ND
Benzene.....	ND
Bromodichloromethane.....	ND
Bromoform.....	ND
Bromomethane.....	ND
Carbon Tetrachloride.....	ND
Chlorobenzene.....	ND
Chloroethane.....	ND
2-Chloroethylvinyl ether.....	ND
Chloroform.....	ND
Chloromethane.....	ND
Dibromochloromethane.....	ND
1,1-Dichloroethane.....	ND
1,2-Dichloroethane.....	ND
1,1-Dichloroethylene.....	ND
Trans-1,2-Dichloroethylene....	ND
1,2-Dichloropropane.....	ND
1,3 Dichloropropylene.....	ND
Ethylbenzene.....	ND
Methylene Chloride.....	ND
1,1,2,2-Tetrachloroethane.....	ND
Tetrachloroethylene.....	ND
1,1,1-Trichloroethane.....	ND
1,1,2-Trichloroethane.....	ND
Trichloroethylene.....	ND
Toluene.....	ND
Vinyl Chloride.....	ND
EPA Method Number.....	624
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-85

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-9 UPPER**

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/02/86	01/09/86	10/10/85	06/27/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-86

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-9 MIDDLE**

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/02/86	01/09/86	10/10/85	06/27/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoforn.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroforn.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-87

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-10 UPPER**

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/03/86	01/08/86	10/09/85	06/25/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	4	4	5	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE C-88

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-10 MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/03/86	01/08/86	10/09/85	06/25/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(....) = Not analyzed

HARGIS + ASSOCIATES, INC.

TABLE C-89

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-11 UPPER**

COMPOUND (micrograms per liter)	04/05/86	01/09/86	DATE 10/10/85	SAMPLED 09/05/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	15
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	70	64
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-90

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-11 MIDDLE**

COMPOUND (micrograms per liter)	DATE SAMPLED				
	04/02/86	01/09/86	10/10/85	09/05/85	08/28/85
Acrolein.....	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-91
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-12 UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED		
	04/06/86	01/09/86	12/12/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	62	ND
1,2-Dichloropropene.....	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	56	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-92
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-12 MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED		
	04/06/86	01/09/86	10/10/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-93
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-13 UPPER

COMPOUND (micrograms per liter)	05/08/86	04/09/86
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND
1,2-Dichloropropane.....	ND	ND
1,3 Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	8	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	ND	ND
Toluene.....	ND	ND
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-94

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
EPA-1**

COMPOUND (micrograms per liter)	DATE SAMPLED		
	05/08/86	02/13/86	05/09/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-95
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
EPA-2

COMPOUND (micrograms per liter)	DATE SAMPLED		
	05/08/86	02/13/86	05/09/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



TABLE C-96
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
EPA-3

COMPOUND (micrograms per liter)	05/08/86	02/13/86	DATE SAMPLED 05/09/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-97
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
EPA-4

COMPOUND (micrograms per liter)	05/08/86	02/13/86	DATE SAMPLED 05/09/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-98

RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CITY OF WHITE SETTLEMENT WELL 1

COMPOUND (micrograms per liter)	DATE SAMPLED		
	05/08/86	02/13/86	05/09/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-99
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CITY OF WHITE SETTLEMENT WELL 2

COMPOUND (micrograms per liter)	DATE SAMPLED		
	05/08/86	02/13/86	05/09/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-100
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CITY OF WHITE SETTLEMENT WELL 12

COMPOUND (micrograms per liter)	05/08/86	02/13/86	DATE SAMPLED 05/09/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-101

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
FRENCH DRAIN #1**

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/07/86	04/03/86	03/12/86	02/12/86	01/11/86	12/11/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	100	ND	27
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	59	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND	15
Trans-1,2-Dichloroethylene....	24000	89	18000	9000	10000	7500
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	100	ND	ND	66
Methylene Chloride.....	ND	ND	ND	1200	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	220	210	250	100	ND	83
1,1,1-Trichloroethane.....	ND	89	50	50	ND	23
1,1,2-Trichloroethane.....	ND	24000	ND	ND	ND	ND
Trichloroethylene.....	5200	ND	7000	4200	5700	1000
Toluene.....	ND	ND	450	200	ND	250
Vinyl Chloride.....	ND	1300	1400	1600	850	2800
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-102

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
FRENCH DRAIN #2**

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/07/86	04/03/86	03/12/86	02/12/86	01/11/86	12/11/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND	38
Trans-1,2-Dichloroethylene....	1700	1400	2500	550	11000	1100
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	350	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	750	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	300	ND
1,1,1-Trichloroethane.....	ND	ND	ND	100	57	38
1,1,2-Trichloroethane.....	ND	830	ND	ND	ND	ND
Trichloroethylene.....	1800	ND	700	1600	4900	1400
Toluene.....	ND	ND	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	850	36
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-102(CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM FRENCH DRAIN #2

COMPOUND (micrograms per liter)	DATE SAMPLED			
	11/07/85	10/11/85	08/25/85	06/30/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	2000	1800	670	2200
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	30	20	10	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	1700	1800	2400	1200
Toluene.....	ND	20	ND	ND
Vinyl Chloride.....	460	530	ND	60
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-103

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
DOCK 17 WELL**

COMPOUND (micrograms per liter)	DATE SAMPLED		
	04/08/86	10/09/85	06/28/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	3	2	4
1,2-Dichloropropane.....	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	1	2
Toluene.....	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-104

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
DRAIN PIPE**

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/07/86	04/03/86	03/12/86	02/12/86	01/11/86	12/11/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	25
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND	40
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND	48
Trans-1,2-Dichloroethylene....	17000	16000	20000	15000	10000	25000
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND	25
Methylene Chloride.....	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	300	ND	180
1,1,1-Trichloroethane.....	ND	ND	ND	100	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND	ND
Trichloroethylene.....	3400	4400	4200	2800	6400	1200
Toluene.....	ND	ND	ND	800	ND	950
Vinyl Chloride.....	ND	1700	2600	3300	1300	11000
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-104(CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM DRAIN PIPE

COMPOUND (micrograms per liter)	DATE SAMPLED	
	10/11/85	06/30/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene....	750	1000
1,2-Dichloropropane.....	ND	ND
1,3 Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	75	75
Toluene.....	ND	ND
Vinyl Chloride.....	4600	100
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



TABLE C-105
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
ST. 5 OUTFALL

COMPOUND (micrograms per liter)	DATE SAMPLED	
	10/11/85	05/01/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
1,1-Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene....	31	230
1,2-Dichloropropane.....	ND	ND
1,3-Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	13	5
Toluene.....	1	ND
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(...) = Not analyzed



AD-A180 246

WATER QUALITY DATA: US AIR FORCE PLANT NUMBER 4 FORT
WORTH TEXAS(U) HARGIS AND ASSOCIATES INC LA JOLLA CA
15 MAY 86

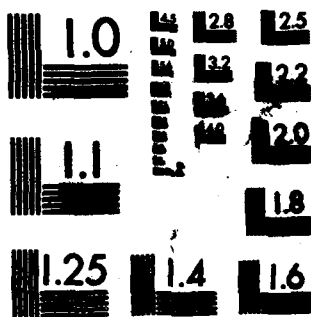
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MICROCOPY RESOLUTION TEST CHART
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TABLE C-106

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
COOLING TOWER INFLUENT**

COMPOUND (microgram per liter)	05/07/86	04/06/86	03/12/86	02/12/86	01/08/86	12/13/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	12	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	14	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	10	ND	ND
Trans-1,2-Dichloroethylene....	8000	3000	1500	1200	1200	1000
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	60	ND	10	10	ND	ND
1,1,1-Trichloroethane.....	ND	51	ND	60	46	33
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND	ND
Trichloroethylene.....	2300	1800	1200	1800	1600	1600
Toluene.....	ND	ND	ND	ND	ND	ND
Vinyl Chloride.....	ND	150	160	250	ND	ND
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE C-106(CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM COOLING TOWER INFLUENT

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/11/85
Acrolein.....	ND
Acrylonitrile.....	ND
Benzene.....	ND
Bromodichloromethane.....	4
Bromoform.....	ND
Bromomethane.....	ND
Carbon Tetrachloride.....	ND
Chlorobenzene.....	1
Chloroethane.....	ND
2-Chloroethylvinyl ether.....	ND
Chloroform.....	4
Chloromethane.....	ND
Dibromochloromethane.....	ND
1,1-Dichloroethane.....	350
1,2-Dichloroethane.....	110
1,1-Dichloroethylene.....	9
Trans-1,2-Dichloroethylene.....	1000
1,2-Dichloropropane.....	9
1,3 Dichloropropylene.....	ND
Ethylbenzene.....	ND
Methylene Chloride.....	ND
1,1,2,2-Tetrachloroethane.....	ND
Tetrachloroethylene.....	11
1,1,1-Trichloroethane.....	25
1,1,2-Trichloroethane.....	ND
Trichloroethylene.....	960
Toluene.....	ND
Vinyl Chloride.....	760
EPA Method Number.....	624
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed

TABLE C-107
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
COOLING TOWER EFFLUENT

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/07/86	04/06/86	03/12/86	02/12/86	01/08/86	12/13/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	1	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	2	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	1	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	265	150	160	95	71	72
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	4	2	2	1	ND	ND
1,1,1-Trichloroethane.....	2.5	3	3	4	2	2
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND	ND
Trichloroethylene.....	130	94	96	130	110	130
Toluene.....	ND	ND	ND	ND	ND	ND
Vinyl Chloride.....	8	ND	8	4	ND	ND
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-107(CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM COOLING TOWER EFFLUENT

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/11/85
Acrolein.....	ND
Acrylonitrile.....	ND
Benzene.....	ND
Bromodichloromethane.....	ND
Bromoform.....	ND
Bromomethane.....	ND
Carbon Tetrachloride.....	ND
Chlorobenzene.....	ND
Chloroethane.....	ND
2-Chloroethylvinyl ether.....	ND
Chloroform.....	ND
Chloromethane.....	ND
Dibromochloromethane.....	ND
1,1-Dichloroethane.....	ND
1,2-Dichloroethane.....	ND
1,1-Dichloroethylene.....	ND
Trans-1,2-Dichloroethylene....	41
1,2-Dichloropropane.....	ND
1,3 Dichloropropylene.....	ND
Ethylbenzene.....	ND
Methylene Chloride.....	ND
1,1,2,2-Tetrachloroethane.....	ND
Tetrachloroethylene.....	ND
1,1,1-Trichloroethane.....	ND
1,1,2-Trichloroethane.....	ND
Trichloroethylene.....	76
Toluene.....	ND
Vinyl Chloride.....	ND
EPA Method Number.....	624
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE C-108

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CREEK STATION C-1**

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/07/86	04/08/86	03/12/86	02/12/86	01/11/86	12/11/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND	ND	ND
Toluene.....	ND	ND	4	3	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(...) = Not analyzed

TABLE C-108(CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM CREEK STATION C-1

COMPOUND (micrograms per liter)	11/06/85	10/12/85	DATE SAMPLED
Acrolein.....	ND	ND	
Acrylonitrile.....	ND	ND	
Benzene.....	ND	ND	
Bromodichloromethane.....	ND	ND	
Bromoform.....	ND	ND	
Bromomethane.....	ND	ND	
Carbon Tetrachloride.....	ND	ND	
Chlorobenzene.....	ND	ND	
Chloroethane.....	ND	ND	
2-Chloroethylvinyl ether.....	ND	ND	
Chloroform.....	ND	ND	
Chloromethane.....	ND	ND	
Dibromochloromethane.....	ND	ND	
1,1-Dichloroethane.....	ND	ND	
1,2-Dichloroethane.....	ND	ND	
1,1-Dichloroethylene.....	ND	ND	
Trans-1,2-Dichloroethylene....	ND	ND	
1,2-Dichloropropane.....	ND	ND	
1,3 Dichloropropylene.....	ND	ND	
Ethylbenzene.....	ND	ND	
Methylene Chloride.....	ND	ND	
1,1,2,2-Tetrachloroethane.....	ND	ND	
Tetrachloroethylene.....	ND	ND	
1,1,1-Trichloroethane.....	ND	ND	
1,1,2-Trichloroethane.....	ND	ND	
Trichloroethylene.....	ND	ND	
Toluene.....	ND	ND	
Vinyl Chloride.....	ND	ND	
EPA Method Number.....	624	624	
Laboratory.....	Brown & Caldwell	Brown & Caldwell	

(-) = Less than; numerical value is the Limit of Detection for that compound
(....) = Not analyzed

TABLE C-109
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CREEK STATION C-2

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/07/86	04/08/86	03/12/86	02/12/86	01/11/86	12/11/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	2	4	5	12	5	6
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND	ND	ND
Toluene.....	ND	ND	ND	3	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed

TABLE C-109(CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM CREEK STATION C-2

COMPOUND (micrograms per liter)	11/06/85	10/12/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND
1,2-Dichloropropane.....	ND	ND
1,3 Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	ND	ND
Toluene.....	ND	ND
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE C-110
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CREEK STATION C-3

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/07/86	04/08/86	03/12/86	02/12/86	01/11/86	12/11/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	6	14	5	18	6	11
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	1	ND	ND
Toluene.....	ND	ND	6	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



TABLE C-110(CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM CREEK STATION C-3

COMPOUND (micrograms per liter)	DATE SAMPLED	
	11/06/85	10/12/85
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND
1,2-Dichloropropane.....	ND	ND
1,3 Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Methylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	1	ND
Toluene.....	ND	ND
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE C-111

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CREEK STATION C-4**

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/07/86	04/08/86	03/12/86	02/12/86	01/11/86	12/11/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(....) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-111(CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM CREEK STATION C-4

COMPOUND (micrograms per liter)	11/06/85	10/12/85	DATE SAMPLED 07/02/85
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	1	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS & ASSOCIATES, INC.

TABLE C-112
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CREEK STATION C-5

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/07/86	04/08/86	03/12/86	02/12/86	01/11/86	12/11/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	2	ND	2
1,2-Dichloropropene.....	ND	ND	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND	ND	ND
Toluene.....	ND	ND	2	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-112(CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM CREEK STATION C-5

COMPOUND (micrograms per liter)	11/06/85	10/11/85	DATE 06/25/85	SAMPLED 07/02/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	3	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE C-113

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
No.3 SEEP**

COMPOUND (micrograms per liter)	DATE SAMPLED	
	05/07/86	04/08/86
Acrolein.....	ND	ND
Acrylonitrile.....	ND	ND
Benzene.....	ND	ND
Bromodichloromethane.....	ND	ND
Bromoform.....	ND	ND
Bromomethane.....	ND	ND
Carbon Tetrachloride.....	ND	ND
Chlorobenzene.....	ND	ND
Chloroethane.....	ND	ND
2-Chloroethylvinyl ether.....	ND	ND
Chloroform.....	ND	ND
Chloromethane.....	ND	ND
Dibromochloromethane.....	ND	ND
1,1-Dichloroethane.....	ND	ND
1,2-Dichloroethane.....	ND	ND
1,1-Dichloroethylene.....	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND
1,2-Dichloropropane.....	ND	ND
1,3 Dichloropropylene.....	ND	ND
Ethylbenzene.....	ND	ND
Ethylene Chloride.....	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND
Tetrachloroethylene.....	ND	ND
1,1,1-Trichloroethane.....	ND	ND
1,1,2-Trichloroethane.....	ND	ND
Trichloroethylene.....	ND	ND
Toluene.....	ND	ND
Vinyl Chloride.....	ND	ND
EPA Method Number.....	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE C-114

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
OUTFALL #3**

COMPOUND (micrograms per liter)	04/08/86	01/11/86	10/11/85	DATE SAMPLED 07/01/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE C-115

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
OUTFALL #4**

COMPOUND (micrograms per liter)	DATE SAMPLED			
	04/08/86	01/11/86	10/11/85	07/02/85
Acrolein.....	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND
Bromodichloromethane.....	ND	1	ND	ND
Bromoform.....	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND
Chloroform.....	1	1	ND	ND
Chloromethane.....	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND
Trichloroethylene.....	ND	ND	ND	ND
Toluene.....	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE C-116
RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
RADAR RANGE SEEP

COMPOUND (micrograms per liter)	DATE SAMPLED		
	05/07/86	04/08/86	02/12/86
Acrolein.....	ND	ND	ND
Acrylonitrile.....	ND	ND	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene.....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3 Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	ND	ND	ND
Toluene.....	ND	ND	7
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



TABLE C-117

**RESULTS OF ANALYSES FOR EPA PRIORITY VOLATILE ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CREEK SEEP**

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/07/86	04/08/86	03/12/86	02/12/86	01/11/86	10/12/85
Acrolein.....	ND	ND	ND	ND	ND	ND
Acrylonitrile.....	ND	ND	ND	ND	ND	ND
Benzene.....	ND	ND	ND	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND	ND	ND	ND
Bromoform.....	ND	ND	ND	ND	ND	ND
Bromomethane.....	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND	ND	ND	ND
Chlorobenzene.....	ND	ND	ND	ND	ND	ND
Chloroethane.....	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND	ND	ND	ND
Chloroform.....	ND	ND	ND	ND	ND	ND
Chloromethane.....	ND	ND	ND	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	2	ND	4	1	20
1,2-Dichloropropane.....	ND	ND	ND	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND	ND	ND	ND
Ethylbenzene.....	ND	ND	ND	ND	ND	ND
Methylene Chloride.....	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND	ND	ND	ND
Tetrachloroethylene.....	ND	ND	13	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND	ND	ND	ND
Trichloroethylene.....	4	12	4	20	9	130
Toluene.....	ND	ND	ND	ND	ND	ND
Vinyl Chloride.....	ND	ND	ND	ND	ND	ND
EPA Method Number.....	624	624	624	624	624	624
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE C-117(CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
VOLATILE ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM CREEK SEEP

COMPOUND (micrograms per liter)	DATE SAMPLED		
	08/25/85	06/26/85	06/26/85
Acrolein.....	ND	---	ND
Acrylonitrile.....	ND	---	ND
Benzene.....	ND	ND	ND
Bromodichloromethane.....	ND	ND	ND
Bromoform.....	ND	ND	ND
Bromomethane.....	ND	ND	ND
Carbon Tetrachloride.....	ND	ND	ND
Chlorobenzene.....	ND	ND	ND
Chloroethane.....	ND	ND	ND
2-Chloroethylvinyl ether.....	ND	ND	ND
Chloroform.....	ND	ND	ND
Chloromethane.....	ND	ND	ND
Dibromochloromethane.....	ND	ND	ND
1,1-Dichloroethane.....	ND	ND	ND
1,2-Dichloroethane.....	ND	ND	ND
1,1-Dichloroethylene.....	ND	ND	ND
Trans-1,2-Dichloroethylene....	ND	ND	ND
1,2-Dichloropropane.....	ND	ND	ND
1,3-Dichloropropylene.....	ND	ND	ND
Ethylbenzene.....	ND	ND	ND
Methylene Chloride.....	ND	13	ND
1,1,2,2-Tetrachloroethane.....	ND	ND	ND
Tetrachloroethylene.....	ND	ND	ND
1,1,1-Trichloroethane.....	ND	ND	ND
1,1,2-Trichloroethane.....	ND	ND	ND
Trichloroethylene.....	2	ND	3
Toluene.....	3	ND	ND
Vinyl Chloride.....	ND	ND	ND
EPA Method Number.....	624	624	624
Laboratory.....	Brown & Caldwell	McKesson	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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APPENDIX D

**CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM MONITOR WELLS**

APPENDIX D

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 IN WATER SAMPLES COLLECTED FROM CREEK STATION C-5**

TABLE D-1

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-5

COMPOUND (micrograms per liter)	DATE SAMPLED
	04/04/86
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosdi-n-propylamine.....	ND
N-Nitrosdiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE D-2
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-7

COMPOUND (micrograms per liter)	DATE SAMPLED	
	08/25/85	06/30/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	19	22
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	14	13
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosdi-n-propylamine.....	ND	ND
N-Nitrosodiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-2 (CONTINUED)
CONCENTRATION OF BASE/NEUTRAL ORGANIC
COMPOUNDS IN WATER SAMPLES COLLECTED
FROM HM-7

COMPOUND (micrograms per liter)	DATE SAMPLED					
	04/05/86	04/03/86	01/11/86	12/11/85	11/07/85	10/10/85
Acenaphthene.....	ND	ND	ND	ND	ND	ND
Acenaphthylene.....	ND	ND	ND	ND	ND	ND
Anthracene.....	ND	ND	ND	ND	ND	ND
Benzidine.....	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene.....	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene.....	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene.....	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene.....	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene.....	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate.....	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene.....	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND	ND	ND	ND	ND
Chrysene.....	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene.....	12	420	63	35	42	19
1,3-Dichlorobenzene.....	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene.....	ND	450	10	ND	ND	10
3,3'-Dichlorobenzidine.....	ND	ND	ND	ND	ND	ND
Diethyl phthalate.....	ND	ND	ND	ND	ND	ND
Dimethyl phthalate.....	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate.....	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene.....	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene.....	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate.....	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine.....	ND	ND	ND	ND	ND	ND
Fluoranthene.....	ND	ND	ND	ND	ND	ND
Fluorene.....	ND	ND	ND	ND	ND	ND
Hexachlorobenzene.....	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene.....	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene.....	ND	ND	ND	ND	ND	ND
Hexachloroethane.....	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND	ND	ND	ND	ND
Isophorone.....	ND	ND	ND	ND	ND	ND
Naphthalene.....	10	100	42	22	ND	39
Nitrobenzene.....	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine.....	ND	ND	ND	ND	ND	ND
N-Nitrosdi-n-propylamine.....	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine.....	ND	ND	ND	ND	ND	ND
Phenanthrene.....	ND	ND	10	ND	ND	ND
Pyrene.....	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND	ND	ND	ND	ND
EPA Method Number.....	625	625	625	625	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-3
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-21

COMPOUND (micrograms per liter)	DATE SAMPLED					
	05/08/86	04/08/86	03/12/86	02/12/86	01/09/86	12/11/85
Acenaphthene.....	ND	ND	ND	ND	ND	ND
Acenaphthylene.....	ND	ND	ND	ND	ND	ND
Anthracene.....	ND	ND	ND	ND	ND	ND
Benztidine.....	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene.....	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene.....	ND	ND	ND	ND	ND	ND
3,4-Benzofluoranthene.....	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene.....	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene.....	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate.....	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene.....	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND	ND	ND	ND	ND
Chrysene.....	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene.....	ND	ND	ND	ND	ND	89
1,3-Dichlorobenzene.....	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene.....	ND	ND	ND	ND	ND	14
3,3'-Dichlorobenzidine.....	ND	ND	ND	ND	ND	ND
Diethyl phthalate.....	ND	ND	ND	ND	ND	ND
Dimethyl phthalate.....	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate.....	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene.....	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene.....	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate.....	ND	ND	ND	ND	ND	ND
1,2-Diphenylhydrazine.....	ND	ND	ND	ND	ND	ND
Fluoranthene.....	ND	ND	ND	ND	ND	ND
Fluorene.....	ND	ND	ND	ND	ND	ND
Hexachlorobenzene.....	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene.....	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene.....	ND	ND	ND	ND	ND	ND
Hexachloroethane.....	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND	ND	ND	ND	ND
Isophorone.....	ND	ND	ND	ND	ND	ND
Naphthalene.....	ND	ND	ND	ND	ND	ND
Nitrobenzene.....	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine.....	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine.....	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine.....	ND	ND	ND	ND	ND	ND
Phenanthrene.....	ND	ND	ND	ND	ND	ND
Pyrene.....	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND	ND	ND	ND	ND
EPA Method Number.....	625	625	625	625	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE D-3 (CONTINUED)
CONCENTRATION OF BASE/NEUTRAL ORGANIC
COMPOUNDS IN WATER SAMPLES COLLECTED
FROM HM-21

COMPOUND (micrograms per liter)	11/07/85	10/09/85	DATE 08/26/85	SAMPLED 06/30/85
Acenaphthene.....	ND	ND	ND	ND
Acenaphthylene.....	ND	ND	ND	ND
Anthracene.....	ND	ND	ND	ND
Benzidine.....	ND	ND	ND	ND
Benzo(a)anthracene.....	ND	ND	ND	ND
Benzo(a)pyrene.....	ND	ND	ND	ND
3,4-Benzofluoranthene.....	ND	ND	ND	ND
Benzo(ghi)perylene.....	ND	ND	ND	ND
Benzo(k)fluoranthene.....	ND	ND	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND	ND	ND
Butyl benzyl phthalate.....	ND	ND	ND	ND
2-Chloronaphthalene.....	ND	ND	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND	ND	ND
Chrysene.....	ND	ND	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND	ND	ND
1,2-Dichlorobenzene.....	99	50	60	90
1,3-Dichlorobenzene.....	ND	ND	ND	ND
1,4-Dichlorobenzene.....	21	15	13	25
3,3'-Dichlorobenzidine.....	ND	ND	ND	ND
Diethyl phthalate.....	ND	ND	ND	ND
Dimethyl phthalate.....	ND	ND	ND	ND
Di-n-butyl phthalate.....	ND	ND	ND	ND
2,4-Dinitrotoluene.....	ND	ND	ND	ND
2,6-Dinitrotoluene.....	ND	ND	ND	ND
Di-n-octyl phthalate.....	ND	ND	ND	ND
1,2-Diphenylhydrazine.....	ND	ND	ND	ND
Fluoranthene.....	ND	ND	ND	ND
Fluorene.....	ND	ND	ND	ND
Hexachlorobenzene.....	ND	ND	ND	ND
Hexachlorobutadiene.....	ND	ND	ND	ND
Hexachlorocyclopentadiene.....	ND	ND	ND	ND
Hexachloroethane.....	ND	ND	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND	ND	ND
Isophorone.....	ND	ND	ND	ND
Naphthalene.....	ND	ND	ND	ND
Nitrobenzene.....	ND	ND	ND	ND
N-Nitrosodimethylamine.....	ND	ND	ND	ND
N-Nitrosodi-n-propylamine.....	ND	ND	ND	ND
N-Nitrosodiphenylamine.....	ND	ND	ND	ND
Phenanthrene.....	ND	ND	ND	ND
Pyrene.....	ND	ND	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND	ND	ND
EPA Method Number.....	625	625	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-4
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-25

COMPOUND (micrograms per liter)	DATE SAMPLED	
	10/09/85	06/28/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benzidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	120	130
1,3-Dichlorobenzene.....	11	10
1,4-Dichlorobenzene.....	200	130
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	43	59
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosdi-n-propylamine.....	ND	ND
N-Nitrosodiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

HARGIS + ASSOCIATES, INC.

TABLE D-5
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-38

COMPOUND (micrograms per liter)	DATE SAMPLED		
	04/07/86	10/10/85	06/30/85
Acenaphthene.....	ND	ND	ND
Acenaphthylene.....	ND	ND	ND
Anthracene.....	ND	ND	ND
Benidine.....	ND	ND	ND
Benzo(a)anthracene.....	ND	ND	ND
Benzo(a)pyrene.....	ND	ND	ND
3,4-Benzofluoranthene.....	ND	ND	ND
Benzo(ghi)perylene.....	ND	ND	ND
Benzo(k)fluoranthene.....	ND	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND	ND
Butyl benzyl phthalate.....	ND	ND	ND
2-Chloronaphthalene.....	ND	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND	ND
Chrysene.....	ND	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND	ND
1,2-Dichlorobenzene.....	14000	4400	3200
1,3-Dichlorobenzene.....	ND	ND	ND
1,4-Dichlorobenzene.....	3000	2500	1100
3,3'-Dichlorobenzidine.....	ND	ND	ND
Diethyl phthalate.....	ND	ND	ND
Dimethyl phthalate.....	ND	ND	ND
Di-n-butyl phthalate.....	ND	ND	ND
2,4-Dinitrotoluene.....	ND	ND	ND
2,6-Dinitrotoluene.....	ND	ND	ND
Di-n-octyl phthalate.....	ND	ND	ND
1,2-Diphenylhydrazine.....	ND	ND	ND
Fluoranthene.....	ND	ND	ND
Fluorene.....	ND	ND	ND
Hexachlorobenzene.....	ND	ND	ND
Hexachlorobutadiene.....	ND	ND	ND
Hexachlorocyclopentadiene.....	ND	ND	ND
Hexachloroethane.....	ND	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND	ND
Isophorone.....	ND	ND	ND
Naphthalene.....	600	260	290
Nitrobenzene.....	ND	ND	ND
N-Nitrosodimethylamine.....	ND	ND	ND
N-Nitrosdi-n-propylamine.....	ND	ND	ND
N-Nitrosodiphenylamine.....	ND	ND	ND
Phenanthrene.....	ND	310	ND
Pyrene.....	ND	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND	ND
EPA Method Number.....	625	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-6

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-50

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/11/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benztidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-7

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-51

COMPOUND (micrograms per liter)	DATE SAMPLED	
	06/26/85	06/26/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benzidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosodi-n-propylamine.....	ND	ND
N-Nitrosodiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	McKesson	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

HARGIS + ASSOCIATES, INC.

TABLE D-8

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-52

COMPOUND (micrograms per liter)	DATE SAMPLED
	08/27/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosdi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-9

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-53

COMPOUND (micrograms per liter)	04/03/86	10/10/85	DATE SAMPLED 08/27/85
Acenaphthene.....	ND	ND	ND
Acenaphthylene.....	ND	ND	ND
Anthracene.....	ND	ND	ND
Benztidine.....	ND	ND	ND
Benzo(a)anthracene.....	ND	ND	ND
Benzo(a)pyrene.....	ND	ND	ND
3,4-Benzofluoranthene.....	ND	ND	ND
Benzo(ghi)perylene.....	ND	ND	ND
Benzo(k)fluoranthene.....	ND	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND	ND
Butyl benzyl phthalate.....	ND	ND	ND
2-Chloronaphthalene.....	ND	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND	ND
Chrysene.....	ND	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND	ND
1,2-Dichlorobenzene.....	ND	ND	ND
1,3-Dichlorobenzene.....	ND	ND	ND
1,4-Dichlorobenzene.....	ND	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND	ND
Diethyl phthalate.....	ND	ND	ND
Dimethyl phthalate.....	ND	ND	ND
Di-n-butyl phthalate.....	ND	ND	ND
2,4-Dinitrotoluene.....	ND	ND	ND
2,6-Dinitrotoluene.....	ND	ND	ND
Di-n-octyl phthalate.....	ND	ND	ND
1,2-Diphenylhydrazine.....	ND	ND	ND
Fluoranthene.....	ND	ND	ND
Fluorene.....	ND	ND	ND
Hexachlorobenzene.....	ND	ND	ND
Hexachlorobutadiene.....	ND	ND	ND
Hexachlorocyclopentadiene.....	ND	ND	ND
Hexachloroethane.....	ND	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND	ND
Isophorone.....	ND	ND	ND
Naphthalene.....	10	10	10
Nitrobenzene.....	ND	ND	ND
N-Nitrosodimethylamine.....	ND	ND	ND
N-Nitrosodi-n-propylamine.....	ND	ND	ND
N-Nitrosodiphenylamine.....	ND	ND	ND
Phenanthrene.....	ND	ND	ND
Pyrene.....	ND	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND	ND

EPA Method Number.....
Laboratory.....

625
Brown &
Caldwell

625
Brown &
Caldwell

625
Brown &
Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-10

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-55

COMPOUND (micrograms per liter)	DATE SAMPLED
	07/26/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosdi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-11

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-56

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/11/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	63
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(....) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-12

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-58

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/11/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-13
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-59

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/11/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosdi-n-propylamine.....	ND
N-Nitrosdiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS & ASSOCIATES, INC.

TABLE D-14

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-60

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/12/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosdi-n-propylamine.....	ND
N-Nitrosdiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-15

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-62

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/10/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosdi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-16
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-63

COMPOUND (micrograms per liter)	DATE SAMPLED		
	10/10/85	08/27/85	06/30/85
Acenaphthene.....	ND	ND	ND
Acenaphthylene.....	ND	ND	ND
Anthracene.....	ND	ND	ND
Benizidine.....	ND	ND	ND
Benzo(a)anthracene.....	ND	ND	ND
Benzo(a)pyrene.....	ND	ND	ND
3,4-Benzofluoranthene.....	ND	ND	ND
Benzo(ghi)perylene.....	ND	ND	ND
Benzo(k)fluoranthene.....	ND	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND	ND
Butyl benzyl phthalate.....	ND	ND	ND
2-Chloronaphthalene.....	ND	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND	ND
Chrysene.....	ND	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND	ND
1,2-Dichlorobenzene.....	ND	ND	ND
1,3-Dichlorobenzene.....	ND	ND	ND
1,4-Dichlorobenzene.....	ND	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND	ND
Diethyl phthalate.....	ND	ND	ND
Dimethyl phthalate.....	ND	ND	ND
Di-n-butyl phthalate.....	ND	ND	ND
2,4-Dinitrotoluene.....	ND	ND	ND
2,6-Dinitrotoluene.....	ND	ND	ND
Di-n-octyl phthalate.....	ND	ND	ND
1,2-Diphenylhydrazine.....	ND	ND	ND
Fluoranthene.....	ND	ND	ND
Fluorene.....	ND	ND	ND
Hexachlorobenzene.....	ND	ND	ND
Hexachlorobutadiene.....	ND	ND	ND
Hexachlorocyclopentadiene.....	ND	ND	ND
Hexachloroethane.....	ND	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND	ND
Isophorone.....	ND	ND	ND
Naphthalene.....	ND	ND	ND
Nitrobenzene.....	ND	ND	ND
N-Nitrosodimethylamine.....	ND	ND	ND
N-Nitrosodi-n-propylamine.....	ND	ND	ND
N-Nitrosodiphenylamine.....	ND	ND	ND
Phenanthrene.....	ND	ND	ND
Pyrene.....	ND	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND	ND
EPA Method Number.....	625	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-17
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-68

COMPOUND (micrograms per liter)	DATE SAMPLED
	07/01/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosdi-n-propylamine.....	ND
N-Nitrosdiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-18

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-69

COMPOUND (micrograms per liter)	DATE SAMPLED
	07/01/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(s,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosdi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-19
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-70

COMPOUND (micrograms per liter)	DATE SAMPLED
	06/28/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-20
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-71

COMPOUND (micrograms per liter)	DATE SAMPLED
	06/28/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-21
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-74

COMPOUND (micrograms per liter)	DATE SAMPLED	
	10/12/85	06/26/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benzidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosodi-n-propylamine.....	ND	ND
N-Nitrosodiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-22

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-77

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/08/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benaidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosdi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-23

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-78

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/12/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benizidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	1600
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	100
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	420
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosdi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-24

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-81

COMPOUND (micrograms per liter)	DATE SAMPLED
	06/28/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-25
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-82

COMPOUND (micrograms per liter)	DATE SAMPLED	
	10/12/85	06/28/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benizidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosdi-n-propylamine.....	ND	ND
N-Nitrosdiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS & ASSOCIATES, INC.

TABLE D-26

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-83

COMPOUND (micrograms per liter)	DATE SAMPLED	
	12/12/85	11/08/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benzidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosdi-n-propylamine.....	ND	ND
N-Nitrosdiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-27
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-84

COMPOUND (micrograms per liter)	DATE SAMPLED	
	12/12/85	11/08/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosdi-n-propylamine.....	ND	ND
N-Nitrosdiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-28

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-85

COMPOUND (micrograms per liter)	DATE SAMPLED	
	12/12/85	11/08/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benztidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosdi-n-propylamine.....	ND	ND
N-Nitrosdiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE D-29
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-6 UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED	
	10/10/85	07/01/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benzidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	10	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosdi-n-propylamine.....	ND	ND
N-Nitrosdiphenylamine.....	10	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	McKesson

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

HARGIS + ASSOCIATES, INC.

TABLE D-30
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-7 UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/09/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benztidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

HARGIS + ASSOCIATES, INC.

TABLE D-31

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-8 UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED
	04/05/86
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosdi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE D-32

**CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-8 MIDDLE**

COMPOUND (micrograms per liter)	DATE SAMPLED	
	05/08/86	05/09/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benzidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosodi-n-propylamine.....	ND	ND
N-Nitrosodiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

 HARGIS + ASSOCIATES, INC.

TABLE D-33

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-9 UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/10/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

HARGIS + ASSOCIATES, INC.

TABLE D-34
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-10 UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/09/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosdi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(....) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-35

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-11 MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED
	08/28/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosdi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE D-36

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-12 UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED	
	01/09/86	12/12/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benzidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosodi-n-propylamine.....	ND	ND
N-Nitrosodiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-37

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-13 UPPER

COMPOUND (micrograms per liter)	05/08/86	04/09/86
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benzidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosodi-n-propylamine.....	ND	ND
N-Nitrosodiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-38

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
EPA-1

COMPOUND (micrograms per liter)	DATE SAMPLED	
	05/08/86	05/09/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosodi-n-propylamine.....	ND	ND
N-Nitrosodiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-39
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
EPA-2

COMPOUND (micrograms per liter)	DATE SAMPLED	
	05/08/86	05/09/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benztidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosdi-n-propylamine.....	ND	ND
N-Nitrosdiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-40
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
EPA-3

COMPOUND (micrograms per liter)	DATE SAMPLED	
	05/08/86	05/09/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benztidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethene.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosdi-n-propylamine.....	ND	ND
N-Nitrosdiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-41
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
EPA-4

COMPOUND (micrograms per liter)	DATE SAMPLED	
	05/08/86	05/09/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benzidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosdi-n-propylamine.....	ND	ND
N-Nitrosdiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-42
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CITY OF WHITE SETTLEMENT WELL 1

COMPOUND (micrograms per liter)	05/08/86	05/09/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benizidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorone.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosodi-n-propylamine.....	ND	ND
N-Nitrosodiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-43
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CITY OF WHITE SETTLEMENT WELL 2

COMPOUND (micrograms per liter)	DATE SAMPLED	
	05/08/86	05/09/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benzidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethene.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorane.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosodi-n-propylamine.....	ND	ND
N-Nitrosodiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown &

(-) = Less than; numerical value is the Limit of Detection for that compound
 (....) = Not analyzed

TABLE D-44
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CITY OF WHITE SETTLEMENT WELL 12

COMPOUND (micrograms per liter)	DATE SAMPLED	
	05/08/86	05/09/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benzidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenz(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorene.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrodimethylamine.....	ND	ND
N-Nitrodi-n-propylamine.....	ND	ND
N-Nitrodiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed

TABLE D-45

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
FRENCH DRAIN #1

COMPOUND (micrograms per liter)	DATE SAMPLED
	12/11/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	67
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	10
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-46

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
FRENCH DRAIN #2

COMPOUND (micrograms per liter)	DATE SAMPLED		
	10/11/85	08/25/85	06/30/85
Acenaphthene.....	ND	ND	ND
Acenaphthylene.....	ND	ND	ND
Anthracene.....	ND	ND	ND
Benzidine.....	ND	ND	ND
Benzo(a)anthracene.....	ND	ND	ND
Benzo(a)pyrene.....	ND	ND	ND
3,4-Benzofluoranthene.....	ND	ND	ND
Benzo(ghi)perylene.....	ND	ND	ND
Benzo(k)fluoranthene.....	ND	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND	ND
Butyl benzyl phthalate.....	ND	ND	ND
2-Chloronaphthalene.....	ND	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND	ND
Chrysene.....	ND	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND	ND
1,2-Dichlorobenzene.....	ND	ND	ND
1,3-Dichlorobenzene.....	ND	ND	ND
1,4-Dichlorobenzene.....	ND	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND	ND
Diethyl phthalate.....	ND	ND	ND
Dimethyl phthalate.....	ND	ND	ND
Di-n-butyl phthalate.....	ND	ND	ND
2,4-Dinitrotoluene.....	ND	ND	ND
2,6-Dinitrotoluene.....	ND	ND	ND
Di-n-octyl phthalate.....	ND	ND	ND
1,2-Diphenylhydrazine.....	ND	ND	ND
Fluoranthene.....	ND	ND	ND
Fluorene.....	ND	ND	ND
Hexachlorobenzene.....	ND	ND	ND
Hexachlorobutadiene.....	ND	ND	ND
Hexachlorocyclopentadiene.....	ND	ND	ND
Hexachloroethane.....	ND	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND	ND
Isophorone.....	ND	ND	ND
Naphthalene.....	ND	ND	ND
Nitrobenzene.....	ND	ND	ND
N-Nitrosodimethylamine.....	ND	ND	ND
N-Nitrosodi-n-propylamine.....	ND	ND	ND
N-Nitrosodiphenylamine.....	ND	ND	ND
Phenanthrene.....	ND	ND	ND
Pyrene.....	ND	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND	ND
EPA Method Number.....	625	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE D-47

**CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
DOCK 17 WELL**

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/11/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed

TABLE D-48

**CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
DRAIN PIPE**

COMPOUND (micrograms per liter)	DATE SAMPLED	
	12/11/85	06/30/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benzidine.....	ND	ND
Benzo(a)anthracene.....	ND	1100
Benzo(a)pyrene.....	ND	1500
3,4-Benzofluoranthene.....	ND	1500
Benzo(ghi)perylene.....	ND	1600
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	130	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	18	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	1700
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	1300
Isophorone.....	ND	ND
Naphthalene.....	14	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosodi-n-propylamine.....	ND	ND
N-Nitrosodiphenylamine.....	ND	ND
Phenanthrene.....	ND	700
Pyrene.....	ND	1600
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(....) = Not analyzed

TABLE D-49
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
ST. 5 OUTFALL

COMPOUND (micrograms per liter)	DATE SAMPLED	
	10/11/85	05/01/85
Acenaphthene.....	ND	ND
Acenaphthylene.....	ND	ND
Anthracene.....	ND	ND
Benzidine.....	ND	ND
Benzo(a)anthracene.....	ND	ND
Benzo(a)pyrene.....	ND	ND
3,4-Benzofluoranthene.....	ND	ND
Benzo(ghi)perylene.....	ND	ND
Benzo(k)fluoranthene.....	ND	ND
Bis(2-chloroethoxy) methane.....	ND	ND
Bis(2-chloroethyl) ether.....	ND	ND
Bis(2-chloroisopropyl) ether.....	ND	ND
Bis(2-ethylhexyl) phthalate.....	ND	ND
4-Bromophenyl phenyl ether.....	ND	ND
Butyl benzyl phthalate.....	ND	ND
2-Chloronaphthalene.....	ND	ND
4-Chlorophenyl phenyl ether.....	ND	ND
Chrysene.....	ND	ND
Dibenzo(a,h)anthracene.....	ND	ND
1,2-Dichlorobenzene.....	ND	ND
1,3-Dichlorobenzene.....	ND	ND
1,4-Dichlorobenzene.....	ND	ND
3,3'-Dichlorobenzidine.....	ND	ND
Diethyl phthalate.....	ND	ND
Dimethyl phthalate.....	ND	ND
Di-n-butyl phthalate.....	ND	ND
2,4-Dinitrotoluene.....	ND	ND
2,6-Dinitrotoluene.....	ND	ND
Di-n-octyl phthalate.....	ND	ND
1,2-Diphenylhydrazine.....	ND	ND
Fluoranthene.....	ND	ND
Fluorene.....	ND	ND
Hexachlorobenzene.....	ND	ND
Hexachlorobutadiene.....	ND	ND
Hexachlorocyclopentadiene.....	ND	ND
Hexachloroethane.....	ND	ND
Indeno(1,2,3-cd) pyrene.....	ND	ND
Isophorene.....	ND	ND
Naphthalene.....	ND	ND
Nitrobenzene.....	ND	ND
N-Nitrosodimethylamine.....	ND	ND
N-Nitrosodi-n-propylamine.....	ND	ND
N-Nitrosodiphenylamine.....	ND	ND
Phenanthrene.....	ND	ND
Pyrene.....	ND	ND
1,2,4-Trichlorobenzene.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed

TABLE D-50

**CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
COOLING TOWER INFLUENT**

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/11/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	10
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (....) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D- 51
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
COOLING TOWER EFFLUENT

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/11/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benztidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-52
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CREEK STATION C-1

COMPOUND (micrograms per liter)	DATE SAMPLED 10/12/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND

EPA Method Number..... 625
Laboratory..... Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-53

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CREEK STATION C-2

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/12/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-54

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CREEK STATION C-3

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/12/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE D-55
CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CREEK STATION C-4

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/12/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benaidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indene(1,2,3-cd) pyrene.....	ND
Isophorene.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND

EPA Method Number.....
Laboratory.....

625
Brown &
Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE D-56

CONCENTRATION OF BASE/NEUTRAL ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CREEK STATION C-5

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/12/85
Acenaphthene.....	ND
Acenaphthylene.....	ND
Anthracene.....	ND
Benzidine.....	ND
Benzo(a)anthracene.....	ND
Benzo(a)pyrene.....	ND
3,4-Benzofluoranthene.....	ND
Benzo(ghi)perylene.....	ND
Benzo(k)fluoranthene.....	ND
Bis(2-chloroethoxy) methane.....	ND
Bis(2-chloroethyl) ether.....	ND
Bis(2-chloroisopropyl) ether.....	ND
Bis(2-ethylhexyl) phthalate.....	ND
4-Bromophenyl phenyl ether.....	ND
Butyl benzyl phthalate.....	ND
2-Chloronaphthalene.....	ND
4-Chlorophenyl phenyl ether.....	ND
Chrysene.....	ND
Dibenzo(a,h)anthracene.....	ND
1,2-Dichlorobenzene.....	ND
1,3-Dichlorobenzene.....	ND
1,4-Dichlorobenzene.....	ND
3,3'-Dichlorobenzidine.....	ND
Diethyl phthalate.....	ND
Dimethyl phthalate.....	ND
Di-n-butyl phthalate.....	ND
2,4-Dinitrotoluene.....	ND
2,6-Dinitrotoluene.....	ND
Di-n-octyl phthalate.....	ND
1,2-Diphenylhydrazine.....	ND
Fluoranthene.....	ND
Fluorene.....	ND
Hexachlorobenzene.....	ND
Hexachlorobutadiene.....	ND
Hexachlorocyclopentadiene.....	ND
Hexachloroethane.....	ND
Indeno(1,2,3-cd) pyrene.....	ND
Isophorone.....	ND
Naphthalene.....	ND
Nitrobenzene.....	ND
N-Nitrosodimethylamine.....	ND
N-Nitrosodi-n-propylamine.....	ND
N-Nitrosodiphenylamine.....	ND
Phenanthrene.....	ND
Pyrene.....	ND
1,2,4-Trichlorobenzene.....	ND

EPA Method Number.....
Laboratory.....

625
Brown &
Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
() = Not analyzed



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APPENDIX E

**RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM MONITOR WELLS**

APPENDIX E

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TABLE E-1
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-7

COMPOUND (micrograms per liter)	DATE SAMPLED
	06/30/85
2-Chlorophenol.....	ND
2,4-Dichlorophenol.....	ND
2,4-Dimethylphenol.....	160
4,6-Dinitro-2-methylphenol....	ND
2,4-Dinitrophenol.....	ND
2-Nitrophenol.....	ND
4-Nitrophenol.....	ND
p-Chloro-m-cresol.....	ND
Pentachlorophenol.....	ND
Phenol.....	ND
2,4,6-Trichlorophenol.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE E-1 (CONTINUED)
RESULTS OF ANALYSES FOR EPA PRIORITY
ACID ORGANIC COMPOUNDS IN WATER
SAMPLES COLLECTED FROM HM-7

COMPOUND (micrograms per liter)	DATE SAMPLED					
	04/05/86	01/11/86	12/11/85	11/07/85	10/10/85	08/25/85
2-Chlorophenol.....	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol.....	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol.....	29	230	130	350	480	97
4,6-Dinitro-2-methylphenol....	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol.....	ND	ND	ND	ND	ND	ND
2-Nitrophenol.....	ND	ND	ND	ND	ND	ND
4-Nitrophenol.....	ND	ND	ND	ND	ND	ND
p-Chloro-m-cresol.....	ND	ND	ND	ND	ND	ND
Pentachlorophenol.....	ND	ND	ND	ND	ND	ND
Phenol.....	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol.....	ND	ND	ND	ND	ND	ND
EPA Method Number.....	625	625	625	625	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE E-2
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-38

COMPOUND (micrograms per liter)	DATE SAMPLED	
	10/10/85	06/30/85
2-Chlorophenol.....	ND	ND
2,4-Dichlorophenol.....	ND	ND
2,4-Dimethylphenol.....	ND	ND
4,6-Dinitro-2-methylphenol....	ND	ND
2,4-Dinitrophenol.....	ND	ND
2-Nitrophenol.....	ND	ND
4-Nitrophenol.....	ND	ND
p-Chloro-m-cresol.....	ND	ND
Pentachlorophenol.....	ND	ND
Phenol.....	ND	ND
2,4,6-Trichlorophenol.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE E-3
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
RM-51

COMPOUND (microgram per liter)	DATE SAMPLED
	06/26/85
2-Chlorophenol.....	ND
2,4-Dichlorophenol.....	ND
2,4-Dimethylphenol.....	ND
4,6-Dinitro-2-methylphenol....	ND
2,4-Dinitrophenol.....	ND
2-Nitrophenol.....	ND
4-Nitrophenol.....	ND
p-Chloro-m-cresol.....	ND
Pentachlorophenol.....	ND
Phenol.....	ND
2,4,6-Trichlorophenol.....	ND
EPA Method Number.....	625
Laboratory.....	McKesson

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE E-4
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-77

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/08/85
2-Chlorophenol.....	ND
2,4-Dichlorophenol.....	ND
2,4-Dimethylphenol.....	ND
4,6-Dinitro-2-methylphenol....	ND
2,4-Dinitrophenol.....	ND
2-Nitrophenol.....	ND
4-Nitrophenol.....	ND
p-Chloro-m-cresol.....	ND
Pentachlorophenol.....	ND
Phenol.....	ND
2,4,6-Trichlorophenol.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE E-5
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-78

COMPOUND (micrograms per liter)	DATE SAMPLED 10/12/85
2-Chlorophenol.....	ND
2,4-Dichlorophenol.....	ND
2,4-Dimethylphenol.....	ND
4,6-Dinitro-2-methylphenol....	ND
2,4-Dinitrophenol.....	ND
2-Nitrophenol.....	ND
4-Nitrophenol.....	ND
p-Chloro-m-cresol.....	ND
Pentachlorophenol.....	ND
Phenol.....	ND
2,4,6-Trichlorophenol.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE E-6
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-82

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/12/85
2-Chlorophenol.....	ND
2,4-Dichlorophenol.....	ND
2,4-Dimethylphenol.....	ND
4,6-Dinitro-2-methylphenol....	ND
2,4-Dinitrophenol.....	ND
2-Nitrophenol.....	ND
4-Nitrophenol.....	ND
p-Chloro-m-cresol.....	ND
Pentachlorophenol.....	ND
Phenol.....	ND
2,4,6-Trichlorophenol.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE E-7
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-83

COMPOUND (micrograms per liter)	DATE SAMPLED	
	12/12/85	11/08/85
2-Chlorophenol.....	ND	ND
2,4-Dichlorophenol.....	ND	ND
2,4-Dimethylphenol.....	ND	ND
4,6-Dinitro-2-methylphenol....	ND	ND
2,4-Dinitrophenol.....	ND	ND
2-Nitrophenol.....	ND	ND
4-Nitrophenol.....	ND	ND
p-Chloro-m-cresol.....	ND	ND
Pentachlorophenol.....	ND	ND
Phenol.....	ND	ND
2,4,6-Trichlorophenol.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE E-8
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HN-84

COMPOUND (micrograms per liter)	DATE SAMPLED	
	12/12/85	11/08/85
2-Chlorophenol.....	ND	ND
2,4-Dichlorophenol.....	ND	ND
2,4-Dimethylphenol.....	ND	ND
4,6-Dinitro-2-methylphenol....	ND	ND
2,6-Dinitrophenol.....	ND	ND
2-Nitrophenol.....	ND	ND
4-Nitrophenol.....	ND	ND
p-Chloro-m-cresol.....	ND	ND
Pentachlorophenol.....	ND	ND
Phenol.....	ND	ND
2,4,6-Trichlorophenol.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



HARGIS + ASSOCIATES, INC.

TABLE E-9
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
HM-85

COMPOUND (micrograms per liter)	DATE SAMPLED	
	12/12/85	11/08/85
2-Chlorophenol.....	ND	ND
2,4-Dichlorophenol.....	ND	ND
2,4-Dimethylphenol.....	ND	ND
4,6-Dinitro-2-methylphenol....	ND	ND
2,4-Dinitrophenol.....	ND	ND
2-Nitrophenol.....	ND	ND
4-Nitrophenol.....	ND	ND
p-Chloro-m-cresol.....	ND	ND
Pentachlorophenol.....	ND	ND
Phenol.....	ND	ND
2,4,6-Trichlorophenol.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

AD-A180 246

WATER QUALITY DATA: US AIR FORCE PLANT NUMBER 4 FORT
WORTH TEXAS(U) HARGIS AND ASSOCIATES INC LA JOLLA CA
15 MAY 86

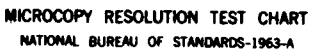
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

TABLE E-10
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-6 UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED
	07/01/85
2-Chlorophenol.....	ND
2,4-Dichlorophenol.....	ND
2,4-Dimethylphenol.....	ND
4,6-Dinitro-2-methylphenol....	ND
2,4-Dinitrophenol.....	ND
2-Nitrophenol.....	ND
4-Nitrophenol.....	ND
p-Chloro-m-cresol.....	ND
Pentachlorophenol.....	ND
Phenol.....	ND
2,4,6-Trichlorophenol.....	ND
EPA Method Number.....	625
Laboratory.....	McKesson

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE E-11
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-8 UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED
	04/05/86
2-Chlorophenol.....	ND
2,4-Dichlorophenol.....	ND
2,4-Dimethylphenol.....	ND
4,6-Dinitro-2-methylphenol....	ND
2,4-Dinitrophenol.....	ND
2-Nitrophenol.....	ND
4-Nitrophenol.....	ND
p-Chloro-m-cresol.....	ND
Pentachlorophenol.....	ND
Phenol.....	ND
2,4,6-Trichlorophenol.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (...) = Not analyzed

TABLE E-12

RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-8 MIDDLE

COMPOUND (micrograms per liter)	DATE SAMPLED	
	05/08/86	05/09/85
2-Chlorophenol.....	ND	ND
2,4-Dichlorophenol.....	ND	ND
2,4-Dimethylphenol.....	ND	ND
4,6-Dinitro-2-methylphenol....	ND	ND
2,4-Dinitrophenol.....	ND	ND
2-Nitrophenol.....	ND	ND
4-Nitrophenol.....	ND	ND
p-Chloro-m-cresol.....	ND	ND
Pentachlorophenol.....	ND	ND
Phenol.....	ND	ND
2,4,6-Trichlorophenol.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE E-13
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-12 UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED	
	01/09/86	12/12/85
2-Chlorophenol.....	ND	ND
2,4-Dichlorophenol.....	ND	ND
2,4-Dimethylphenol.....	ND	ND
4,6-Dinitro-2-methylphenol....	ND	ND
2,4-Dinitrophenol.....	ND	ND
2-Nitrophenol.....	ND	ND
4-Nitrophenol.....	ND	ND
p-Chloro-m-cresol.....	ND	ND
Pentachlorophenol.....	ND	ND
Phenol.....	ND	ND
2,4,6-Trichlorophenol.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE E-14

RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
P-13 UPPER

COMPOUND (micrograms per liter)	DATE SAMPLED
	04/09/86
2-Chlorophenol.....	ND
2,4-Dichlorophenol.....	ND
2,4-Dimethylphenol.....	ND
4,6-Dinitro-2-methylphenol....	ND
2,4-Dinitrophenol.....	ND
2-Nitrophenol.....	ND
4-Nitrophenol.....	ND
p-Chloro-m-cresol.....	ND
Pentachlorophenol.....	ND
Phenol.....	ND
2,4,6-Trichlorophenol.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE E-15
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
EPA-1

COMPOUND (micrograms per liter)	DATE SAMPLED	
	05/08/86	05/09/85
2-Chlorophenol.....	ND	ND
2,4-Dichlorophenol.....	ND	ND
2,4-Dimethylphenol.....	ND	ND
4,6-Dinitro-2-methylphenol....	ND	ND
2,4-Dinitrophenol.....	ND	ND
2-Nitrophenol.....	ND	ND
4-Nitrophenol.....	ND	ND
p-Chloro-m-cresol.....	ND	ND
Pentachlorophenol.....	ND	ND
Phenol.....	ND	ND
2,4,6-Trichlorophenol.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

HARGIS + ASSOCIATES, INC.

TABLE E-16
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
EPA-2

COMPOUND (micrograms per liter)	DATE SAMPLED	
	05/08/86	05/09/85
2-Chlorophenol.....	ND	ND
2,4-Dichlorophenol.....	ND	ND
2,4-Dimethylphenol.....	ND	ND
4,6-Dinitro-2-methylphenol....	ND	ND
2,4-Dinitrophenol.....	ND	ND
2-Nitrophenol.....	ND	ND
4-Nitrophenol.....	ND	ND
p-Chloro-m-cresol.....	ND	ND
Pentachlorophenol.....	ND	ND
Phenol.....	ND	ND
2,4,6-Trichlorophenol.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE E-17
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
EPA-3

COMPOUND (micrograms per liter)	DATE SAMPLED	
	05/08/86	05/09/85
2-Chlorophenol.....	ND	ND
2,4-Dichlorophenol.....	ND	ND
2,4-Dimethylphenol.....	ND	ND
4,6-Dinitro-2-methylphenol....	ND	ND
2,4-Dinitrophenol.....	ND	ND
2-Nitrophenol.....	ND	ND
4-Nitrophenol.....	ND	ND
p-Chloro-m-cresol.....	ND	ND
Pentachlorophenol.....	ND	ND
Phenol.....	ND	ND
2,4,6-Trichlorophenol.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE E-18
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
EPA-4

COMPOUND (micrograms per liter)	DATE SAMPLED	
	05/08/86	05/09/85
2-Chlorophenol.....	ND	ND
2,4-Dichlorophenol.....	ND	ND
2,4-Dimethylphenol.....	ND	ND
4,6-Dinitro-2-methylphenol....	ND	ND
2,4-Dinitrophenol.....	ND	ND
2-Nitrophenol.....	ND	ND
4-Nitrophenol.....	ND	ND
p-Chloro-m-cresol.....	ND	ND
Pentachlorophenol.....	ND	ND
Phenol.....	ND	ND
2,4,6-Trichlorophenol.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE E-19

**RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CITY OF WHITE SETTLEMENT WELL 1**

COMPOUND (micrograms per liter)	DATE SAMPLED	
	05/08/86	05/09/85
2-Chlorophenol.....	ND	ND
2,4-Dichlorophenol.....	ND	ND
2,4-Dimethylphenol.....	ND	ND
4,6-Dinitro-2-methylphenol....	ND	ND
2,4-Dinitrophenol.....	ND	ND
2-Nitrophenol.....	ND	ND
4-Nitrophenol.....	ND	ND
p-Chloro-m-cresol.....	ND	ND
Pentachlorophenol.....	ND	ND
Phenol.....	ND	ND
2,4,6-Trichlorophenol.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE E-20
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CITY OF WHITE SETTLEMENT WELL 2

COMPOUND (micrograms per liter)	05/08/86	05/09/85
2-Chlorophenol.....	ND	ND
2,4-Dichlorophenol.....	ND	ND
2,4-Dimethylphenol.....	ND	ND
4,6-Dinitro-2-methylphenol....	ND	ND
2,4-Dinitrophenol.....	ND	ND
2-Nitrophenol.....	ND	ND
4-Nitrophenol.....	ND	ND
p-Chloro-m-cresol.....	ND	ND
Pentachlorophenol.....	ND	ND
Phenol.....	ND	ND
2,4,6-Trichlorophenol.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed



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TABLE E-21

RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
CITY OF WHITE SETTLEMENT WELL 12

COMPOUND (micrograms per liter)	DATE SAMPLED	
	05/08/86	05/09/85
2-Chlorophenol.....	ND	ND
2,4-Dichlorophenol.....	ND	ND
2,4-Dimethylphenol.....	ND	ND
4,6-Dinitro-2-methylphenol....	ND	ND
2,4-Dinitrophenol.....	ND	ND
2-Nitrophenol.....	ND	ND
4-Nitrophenol.....	ND	ND
p-Chloro-m-cresol.....	ND	ND
Pentachlorophenol.....	ND	ND
Phenol.....	ND	ND
2,4,6-Trichlorophenol.....	ND	ND
EPA Method Number.....	625	625
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE E-22

RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
FRENCH DRAIN #1

COMPOUND (micrograms per liter)	DATE SAMPLED
	12/11/85
2-Chlorophenol.....	ND
2,4-Dichlorophenol.....	ND
2,4-Dimethylphenol.....	ND
4,6-Dinitro-2-methylphenol....	ND
2,4-Dinitrophenol.....	ND
2-Nitrophenol.....	ND
4-Nitrophenol.....	ND
p-Chloro-m-cresol.....	ND
Pentachlorophenol.....	ND
Phenol.....	ND
2,4,6-Trichlorophenol.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE E-23

RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
FRENCH DRAIN #2

COMPOUND (micrograms per liter)	DATE SAMPLED
	08/25/85
2-Chlorophenol.....	ND
2,4-Dichlorophenol.....	ND
2,4-Dimethylphenol.....	ND
4,6-Dinitro-2-methylphenol....	ND
2,4-Dinitrophenol.....	ND
2-Nitrophenol.....	ND
4-Nitrophenol.....	ND
p-Chloro-m-cresol.....	ND
Pentachlorophenol.....	ND
Phenol.....	ND
2,4,6-Trichlorophenol.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE E-24
RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
DOCK 17 WELL

COMPOUND (micrograms per liter)	DATE SAMPLED
	10/09/85
2-Chlorophenol.....	ND
2,4-Dichlorophenol.....	ND
2,4-Dimethylphenol.....	ND
4,6-Dinitro-2-methylphenol....	ND
2,4-Dinitrophenol.....	ND
2-Nitrophenol.....	ND
4-Nitrophenol.....	ND
p-Chloro-m-cresol.....	ND
Pentachlorophenol.....	ND
Phenol.....	ND
2,4,6-Trichlorophenol.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE E-25

RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
DRAIN PIPE

COMPOUND (micrograms per liter)	DATE SAMPLED
	12/11/85
2-Chlorophenol.....	ND
2,4-Dichlorophenol.....	ND
2,4-Dimethylphenol.....	10
4,6-Dinitro-2-methylphenol....	ND
2,4-Dinitrophenol.....	ND
2-Nitrophenol.....	ND
4-Nitrophenol.....	ND
p-Chloro-m-cresol.....	ND
Pentachlorophenol.....	ND
Phenol.....	ND
2,4,6-Trichlorophenol.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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TABLE E-26

RESULTS OF ANALYSES FOR EPA PRIORITY ACID ORGANIC COMPOUNDS
IN WATER SAMPLES COLLECTED FROM
ST. 5 OUTFALL

COMPOUND (micrograms per liter)	DATE SAMPLED
	05/01/85
2-Chlorophenol.....	ND
2,4-Dichlorophenol.....	ND
2,4-Dimethylphenol.....	ND
4,6-Dinitro-2-methylphenol....	ND
2,4-Dinitrophenol.....	ND
2-Nitrophenol.....	ND
4-Nitrophenol.....	ND
p-Chloro-m-cresol.....	ND
Pentachlorophenol.....	ND
Phenol.....	ND
2,4,6-Trichlorophenol.....	ND
EPA Method Number.....	625
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed



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APPENDIX F

**CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES**

APPENDIX F

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F

CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED ORGANIC
COMPOUNDS IN WATER SAMPLES

TABLE F
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	ORGANIC COMPOUND	CONCENTRATION (ug/l)	EPA METHOD NUMBER	LABORATORY**
HM-2	10-08-85	A butyl alcohol	60	624	B&C
		Isopropyl alcohol	80	624	B&C
		Ethyl alcohol	100	624	B&C
		Tetrahydrofuran	10	624	B&C
		Tetrahydrofuran	300	624	B&C
HM-5	06-30-85 04-04-86	Xylene isomers	1,000	624	B&C
		A C13 hydrocarbon	80	625	B&C
		Phenol derivative	30	625	B&C
		Total complex matrix	20,000	625	B&C
		Unidentified compound	30	625	B&C
HM-7	06-30-85	An alcohol	30	625	B&C
		Xylene isomers	400	624	B&C
		Total C8-30			
		alcohol compounds	20,000	625	B&C
		Xylene isomers	700	624	B&C
		Alkyl phenol	40	625	B&C
		A terpene	300	625	B&C
		Dimethylphenols	300	625	B&C
		Methylnaphthalene isomer	20	625	B&C
		Total C8-C30			
	11-07-85	acids and alcohols	30,000	625	B&C
		Isopropyl ether	100	624	B&C
		Xylene Isomers	650	624	B&C
		Trimethylcyclohexanemethanol	200	625	B&C
		Alkyl phenol	40	625	B&C
		Dimethylphenols	500	625	B&C
		Total C8-C30 acid and			
		alcohol matrix	10,000	625	B&C

(-) = Less than; numerical value is the Limit of Detection for that compound
ug/l = Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated

** B&C = Brown and Caldwell Laboratories, Pasadena, California



HARGIS + ASSOCIATES, INC.

TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	ORGANIC COMPOUND	CONCENTRATION* (ug/l)	EPA METHOD NUMBER	LABORATORY**
HM-7	12-11-85	Propyl ether	100	624	B&C
		Tetrahydrofuran	100	624	B&C
		Xylene	300	624	B&C
		A C8 ketone	10	624	B&C
		Alkyl cellosolve	20	625	B&C
		Alkyl phenol	20	625	B&C
		A propanol derivative	20	625	B&C
		A terpeno	70	625	B&C
		Dimethylbenzoic acid	10	625	B&C
		Trimethylbenzene isomers	10	625	B&C
		Total complex matrix	10,000	625	B&C
		Unidentified matrix	20	625	B&C
		Cyclohexane	40	624	B&C
		Methylcyclohexane	20	624	B&C
		Propyl ether	40	624	B&C
	01-11-86	Tetrahydrofuran	80	624	B&C
		Xylene Isomers	300	624	B&C
		A C7 ether	300	625	B&C
		A cellosolve derivative	20	625	B&C
		Alkoxy propanol	50	625	B&C
		An unidentified compound	40	625	B&C
		Dimethylphenol isomers	100	625	B&C
		Trimethylbenzene isomers	20	625	B&C
		Trimethylcyclohexane	200	625	B&C
		Total C8-C35 complex matrix	20,000	625	B&C

(-) = Less than; numerical value is the Limit of Detection for that compound
ug/l = Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated
** B&C = Brown and Caldwell Laboratories, Pasadena, California



HARGIS + ASSOCIATES, INC.

TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	ORGANIC COMPOUND	CONCENTRATION* (ug/l)	EPA METHOD NUMBER	LABORATORY**
HM-7	02-13-86	Cyclohexane	10	624	B&C
		Isopropyl ether	20	624	B&C
		Methylcyclohexane	10	624	B&C
		Oxathiolane	10	624	B&C
		Xylene isomers	100	624	B&C
	03-12-86	Cyclohexane	10	624	B&C
		Isopropyl ether	40	624	B&C
		Methylcyclohexane	20	624	B&C
		Methyl dioxolane	10	624	B&C
		Oxathiloane	20	624	B&C
	04-05-86	Xylene isomers	100	624	B&C
		1,3 Ovathiolane	20	624	B&C
		A C6 Ether	30	624	B&C
		Cyclohexane	10	624	B&C
		Dimethylsulfide	10	624	B&C
		Methylcyclohexane	40	624	B&C
		Tetrahydrofuran	60	624	B&C
		Alkyl thiophanes	20	624	B&C
		Xylene isomers	110	624	B&C
		A C10 alcohol	70	625	B&C
		A C7 hydrocarbon	100	625	B&C
		A Cellosolve derivative	10	625	B&C
		Dimethyl phenol	20	625	B&C
		Total C8-C20 complex matrix	7,000	625	B&C

(-) = Less than; numerical value is the Limit of Detection for that compound
ug/l = Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated
** B&C = Brown and Caldwell Laboratories, Pasadena, California



HARGIS + ASSOCIATES, INC.

TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	ORGANIC COMPOUND	CONCENTRATION* (ug/l)	EPA METHOD NUMBER	LABORATORY**
HM-7	05-07-86	Cyclohexane	10	624	B&C
		Dimethyl butane	10	624	B&C
		Isopropyl ether	20	624	B&C
		Methylcyclohexane	10	624	B&C
		Methyldioxolane	20	624	B&C
		Methyl sulfide	10	624	B&C
		Methylthioethane	10	624	B&C
		Oxathiolane	20	624	B&C
		Xylene isomers	100	624	B&C
HM-9	06-30-85	Tetrahydrofuran	10	624	B&C
HM-10	06-30-85 08-25-85 10-09-85 11-07-85 12-11-85 01-11-86 03-12-86 02-13-86 04-03-86 05-07-86	Tetrahydrofuran	20	624	B&C
		Tetrahydrofuran	100	624	B&C
		Tetrahydrofuran	30	624	B&C
		Tetrahydrofuran	40	624	B&C
		Tetrahydrofuran	100	624	B&C
		Tetrahydrofuran	70	624	B&C
		Tetrahydrofuran	10	624	B&C
		Tetrahydrofuran	10	624	B&C
		Tetrahydrofuran	40	624	B&C
HM-11	04-03-86	Tetrahydrofuran	10	624	B&C

(-) = Less than; numerical value is the Limit of Detection for that compound
ug/l = Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated
** B&C = Brown and Caldwell Laboratories, Pasadena, California



HARGIS + ASSOCIATES, INC.

TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	ORGANIC COMPOUND	CONCENTRATION* (ug/l)	EPA METHOD NUMBER	LABORATORY**
HM-19	06-30-85	1st unidentified compound	20	625	B&C
		1st sulfur containing compound	100	625	B&C
		2nd unidentified compound	10	625	B&C
		2nd sulfur containing compound	10	625	B&C
		Tetramethyl butyl phenol	10	625	B&C
	08-25-85	Tetrahydrofuran	10	625	B&C
	08-26-85	Total of 4 unidentified compounds	200	624	B&C
			100	625	B&C
	10-09-85	1st unidentified compound	30	625	B&C
		2nd unidentified compound	20	625	B&C
	10-10-85 11-07-85 12-11-85 01-11-86 03-12-86 04-06-86 05-07-86	Sulfur containing compound	30	625	B&C
		Tetrahydrofuran	300	624	B&C
		Tetrahydrofuran	300	624	B&C
		Tetrahydrofuran	100	624	B&C
		Tetrahydrofuran	200	624	B&C
		Tetrahydrofuran	30	624	B&C
		Tetrahydrofuran	40	624	B&C
HM-21	06-30-85	Isopropanol	30	624	B&C
		Tetrahydrofuran	10	624	B&C
		1st unidentified compound	20	625	B&C
		1st sulfur containing compound	100	625	B&C
		2nd unidentified compound	10	625	B&C
		2nd sulfur containing compound	10	625	B&C
		Tetramethyl butyl phenol	10	625	B&C

(-) = Less than; numerical value is the Limit of Detection for that compound
ug/l = Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated
** B&C = Brown and Caldwell Laboratories, Pasadena, California



HARGIS + ASSOCIATES, INC.

TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	ORGANIC COMPOUND	CONCENTRATION* (ug/l)	EPA METHOD NUMBER	LABORATORY**
HM-21	08-26-85	Total of 4 unidentified compounds	100	625	B&C
		1st unidentified compound	30	625	B&C
		2nd unidentified compound	20	625	B&C
	10-09-85	Sulfur containing compound	30	625	B&C
		1st unidentified compound	30	625	B&C
		1st sulfur containing compound	50	625	B&C
		2nd unidentified compound	20	625	B&C
		2nd sulfur containing compound	10	625	B&C
		3rd sulfur containing compound	10	625	B&C
		Unidentified compound	20	625	B&C
	03-12-86 04-08-86	Tetrahydrofuran	200	624	B&C
		Unidentified compound	200	624	B&C
	05-07-86	Tetrahydrofuran	200	624	B&C
HM-24	10-08-85 04-05-86	Methylisopropylether	50	624	B&C
		Isopropyl ether	10	624	B&C
		Isopropyl alcohol	100	624	B&C
		Methyl propyl ether	50	624	B&C
		Propane	80	624	B&C
		Tetrahydrofuran	20	624	B&C

(-) - Less than; numerical value is the Limit of Detection for that compound
ug/l - Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated
** B&C - Brown and Caldwell Laboratories, Pasadena, California



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TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

<u>SAMPLE IDENTIFIER</u>	<u>DATE SAMPLED</u>	<u>ORGANIC COMPOUND</u>	<u>CONCENTRATION* (ug/l)</u>	<u>EPA METHOD NUMBER</u>	<u>LABORATORY**</u>
HM-25	06-28-85	Cyclohexane	600	624	B&C
		Methylcyclohexane	700	624	B&C
10-09-85		Methylcyclopentane	600	624	B&C
		Methylhexane	1,000	624	B&C
		Tetramethyl pentane	1,000	624	B&C
		Xylene isomers	100	624	B&C
		Isopentane	300	624	B&C
		C8-C15 hydrocarbons	40,000	625	B&C
		Tetramethyl butyl phenol	100	625	B&C
		Unidentified compound	400	625	B&C
		Cyclohexane	300	624	B&C
		Methylcyclohexane	400	624	B&C
		Methylcyclopentane	300	624	B&C
		Methylpentane	80	624	B&C
		Tetramethyl pentane	30	624	B&C
		Xylene isomers	200	624	B&C
		1st unidentified compound	90	625	B&C
		2nd unidentified compound	90	625	B&C
		3rd unidentified compound	200	625	B&C
		Alkyl benzene	40	625	B&C
		A terpene	70	625	B&C
		A C10 hydrocarbon	40	625	B&C
		A C11 hydrocarbon	70	625	B&C
		Dimethyl naphthalene isomers	100	625	B&C
		Methyl naphthalene isomers	70	625	B&C
		Sulfur containing compound	200	625	B&C
		Trimethyl naphthalene isomers	30	625	B&C
		Total complex matrix	20,000	625	B&C
		Tetramethyl butyl phenol	100	625	B&C
		Xylene	30	625	B&C

(-) = Less than; numerical value is the Limit of Detection for that compound
ug/l = Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated
** B&C = Brown and Caldwell Laboratories, Pasadena, California



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TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	ORGANIC COMPOUND	CONCENTRATION* (ug/l)	EPA METHOD NUMBER	LABORATORY**
HM-25	01-10-86	A C8 branched hydrocarbon	100	624	B&C
		Cyclohexane	400	624	B&C
		Methylcyclohexane	400	624	B&C
		Methylcyclopentane	300	624	B&C
		Xylene isomers	120	624	B&C
	04-03-86	A C8 hydrocarbon	3,000	624	B&C
		A C9 hydrocarbon	1,000	624	B&C
		Methylcyclohexane	2,000	624	B&C
		Methylhexane	1,000	624	B&C
		Trimethylcyclohexane	900	624	B&C
		Tetramethylpentene	3,000	624	B&C
		Xylene isomers	400	624	B&C
		Alkyl benzene	400	625	B&C
		A C10 alcohol	500	625	B&C
		C6-C15 total complex matrix	300,000	625	B&C
		A C9 hydrocarbon	1,000	625	B&C
		Methylnaphthalene isomers	500	625	B&C
		Sulfur containing compound	500	625	B&C
		Tetramethyl butylphenol	500	625	B&C
HM-27	10-09-85 04-07-86	Tetrahydrofuran	30	624	B&C
		Tetrahydrofuran	30	624	B&C
HM-30	06-29-85 04-05-86	Tetrahydrofuran	60	624	B&C
		A C5 ether	10	624	B&C

(-) = Less than; numerical value is the Limit of Detection for that compound
ug/l = Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated
** B&C = Brown and Caldwell Laboratories, Pasadena, California



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TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	ORGANIC COMPOUND	CONCENTRATION* (ug/l)	EPA METHOD NUMBER	LABORATORY**
HM-38	06-30-85	A C9 branched hydrocarbon	20,000	624	B&C
		Methylcyclohexane	6,000	624	B&C
		Xylene isomers	9,000	624	B&C
		A C10 hydrocarbon	4,000	625	B&C
		A C12 hydrocarbon	5,000	625	B&C
		C8-C35 hydrocarbons	600,000	625	B&C
		Alkyl decadiolate	5,000	625	B&C
		Unidentified compound	3,000	625	B&C
		Methylcyclohexane	20,000	624	B&C
		Tetramethyl pentane	50,000	624	B&C
		Xylene isomers	40,000	624	B&C
		Dimethylnaphthalene isomers	1,000	625	B&C
		Dimethylphenanthrene isomers	200	625	B&C
		Methylnaphthalene isomers	700	625	B&C
		Methylphenanthrene isomers	100	625	B&C
		Trimethylnaphthalene isomers	800	625	B&C
		Total C8-C35 hydrocarbons	1,000,000	625	B&C
HM-41	10-10-85	A C7 hydrocarbon	8,000	624	B&C
		A C7 unsaturated hydrocarbon	4,000	624	B&C
		Cyclohexane	3,000	624	B&C
		Methylcyclohexane	24,000	624	B&C
		Xylene isomers	54,000	624	B&C
		Xylene isomers	7,000	624	B&C
		A phthalate	8,000	625	B&C
		C8 sulfur containing aromatic	5,000	625	B&C
		A C9 acid	1,000	625	B&C
		A C20 hydrocarbon	4,000	625	B&C
HM-41	10-08-85	Total C8-C36 hydrocarbons	4,000,000	625	B&C
		Isopropyl alcohol	30	624	B&C

(-) = Less than; numerical value is the Limit of Detection for that compound
ug/l = Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated
** B&C = Brown and Caldwell Laboratories, Pasadena, California

TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	ORGANIC COMPOUND	CONCENTRATION* (ug/l)	EPA METHOD NUMBER	LABORATORY**
HM-45	06-29-85	Tetrahydrofuran	50	624	B&C
HM-46	10-08-85	Isopropyl alcohol	20	624	B&C
HM-50	10-11-85	1st unidentified compound	20	625	B&C
		2nd unidentified compound	20	625	B&C
		3rd unidentified compound	20	625	B&C
		Alkyl cyclohexane	10	625	B&C
		An aromatic compound	10	625	B&C
		A sulfur containing compound	70	625	B&C
		Caprolactum	10	625	B&C
		Total complex matrix	700	625	B&C
HM-51	06-26-85	A C10 alcohol	40	625	B&C
		Cyclohexane	10	625	B&C
		Unidentified compound	100	625	B&C
HM-53	08-28-85	Total C8-C35 aromatic compounds	400	625	B&C
	10-10-85	Cyclohexane	500	624	B&C
		Dimethylbutane	40	624	B&C
		Methylcyclohexane	300	624	B&C
		Methylhexane	30	624	B&C
		Tetramethyl pentane	80	624	B&C
		Isopentane	80	624	B&C
		Ethylcyclohexane	30	624	B&C
		A C8-C12 aromatic matrix	200	625	B&C

(-) = Less than; numerical value is the Limit of Detection for that compound
ug/l = Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated
** B&C = Brown and Caldwell Laboratories, Pasadena, California



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TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

<u>SAMPLE IDENTIFIER</u>	<u>DATE SAMPLED</u>	<u>ORGANIC COMPOUND</u>	<u>CONCENTRATION* (ug/l)</u>	<u>EPA METHOD NUMBER</u>	<u>LABORATORY**</u>
HM-53	10-10-85	Alkyl benzene	10	625	B&C
		Methylnaphthalene isomers	10	625	B&C
		Propenylbenzene	60	625	B&C
		Propylbenzene	10	625	B&C
		Tetramethylbenzene isomers	20	625	B&C
	01-10-86	A C9 branched hydrocarbon	50	624	B&C
		Cyclohexane	400	624	B&C
		Dimethylbutane	60	624	B&C
		Methylbutane	100	624	B&C
		Methylcyclohexane	100	624	B&C
04-03-86		Dimethylbutane	90	624	B&C
		Dimethylpentene	60	624	B&C
		Isopentene	100	624	B&C
		Pentane	90	624	B&C
		Trimethylhexane	50	624	B&C
		Xylene isomers	1,000	624	B&C
		Alkyl benzene	40	625	B&C
		Methylnaphthalene isomers	30	625	B&C
		Total C8-C15 aromatic compounds	30	625	B&C
HM-55	08-26-85				

(-) = Less than; numerical value is the Limit of Detection for that compound
ug/l = Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated

** B&C = Brown and Caldwell Laboratories, Pasadena, California

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TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	ORGANIC COMPOUND	CONCENTRATION* (ug/l)	EPA METHOD NUMBER	LABORATORY**
HM-56	06-29-85	Cyclohexane	70	624	B&C
		Dimethylbutane	100	624	B&C
		Dimethylcyclohexane	60	624	B&C
		Dimethylpentane	90	624	B&C
		Methylcyclohexane	70	624	B&C
		Tetramethyl pentane	500	624	B&C
		Xylene isomers	40	624	B&C
		Isopentane	90	624	B&C
		Dimethylbutane	50	624	B&C
		Dimethylpentane	70	624	B&C
		Isopentane	50	624	B&C
		Tetramethyl pentane	300	624	B&C
		Xylene isomers	70	624	B&C
		Dimethylnaphthalene isomers	100	625	B&C
HM-58	10-11-85	Methylnaphthalene isomers	50	625	B&C
		Trimethylnaphthalene isomers	60	625	B&C
		Total C8-C15 hydrocarbons	20,000	625	B&C
		Trimethylhexane	70	624	B&C
		Trimethylpentane	100	624	B&C
		Tetramethylpentane	200	624	B&C
		Caprolactum	20	625	B&C
		Caprolactum	40	625	B&C
		Caprolactum	20	625	B&C
		Caprolactum	40	625	B&C
HM-59	10-11-85	Caprolactum	40	625	B&C
		Caprolactum	20	625	B&C
		Caprolactum	20	625	B&C
		Caprolactum	40	625	B&C
HM-60	10-12-85	Caprolactum	20	625	B&C
		Caprolactum	40	625	B&C
HM-62	10-10-85	Caprolactum	40	625	B&C
		Caprolactum	40	625	B&C

(-) = Less than; numerical value is the Limit of Detection for that compound
ug/l = Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated
** B&C = Brown and Caldwell Laboratories, Pasadena, California

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TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	ORGANIC COMPOUND	CONCENTRATION* (ug/l)	EPA METHOD NUMBER	LABORATORY**
HM-63	06-30-85	C5 hydrocarbon	200	624	B&C
		A C9 branched hydrocarbon	200	624	B&C
		Dimethylbutane	100	624	B&C
		Dimethylpentane	100	624	B&C
		Methylcyclopentane	200	624	B&C
		Isopentane	200	624	B&C
		Caprolactum	30	625	B&C
		Dihydro-1H-indene	10	625	B&C
		Tetramethyl pentane	40	624	B&C
		Tetramethyl pentane	70	624	B&C
		Caprolactum	30	625	B&C
		Dimethylbutane	30	624	B&C
		Isopentane	50	624	B&C
		Methylcyclopentane	70	624	B&C
HM-65	06-30-85 04-06-86	Methylhexane	20	624	B&C
		Pentane	20	624	B&C
		Tetramethylpentane	50	624	B&C
		Tetrahydrofuran	20	624	B&C
HM-68	07-01-85 04-08-86	Tetrahydrofuran	10	625	B&C
		Ethyl acetate	100	624	B&C
		Methyl isobutyl ketone	200	624	B&C
HM-72	06-28-85	Tetrahydrofuran	20	624	B&C
HM-74	06-26-85	Tetrahydrofuran	10	624	B&C
HM-75	06-27-85 04-07-86	Tetrahydrofuran	10	624	B&C
		Tetrahydrofuran	10	624	B&C

(-) = Less than; numerical value is the Limit of Detection for that compound
ug/l = Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated
** B&C = Brown and Caldwell Laboratories, Pasadena, California

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TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	ORGANIC COMPOUND	CONCENTRATION* (ug/l)	EPA METHOD NUMBER	LABORATORY**
HM-76	06-27-85 04-03-86	Tetrahydrofuran Tetrahydrofuran	50 10	624 624	B&C B&C
HM-78	07-01-85	A C8 hydrocarbon Cyclohexane Methylcyclohexane Methylcyclopentane Trimethylcyclopentane Trimethylhexane Xylene isomers Cyclohexane Cyclopentane Dimethylcyclohexane Methylcyclohexane Methylcyclopentane Methylpentane Pentane Xylene isomers Dimethylnaphthalene isomers Methylnaphthalene isomers Trimethylnaphthalene isomers Total C6-C15 hydrocarbons	2,000 3,000 4,000 3,000 500 2,000 2,000 2,000 800 1,000 200 2,000 500 800 900 1,000 800 800 300,000	624 624 624 624 624 624 624 624 624 624 624 624 624 624 625 625 625 625	B&C B&C B&C B&C B&C B&C B&C B&C B&C B&C B&C B&C B&C B&C B&C B&C B&C B&C
	10-12-85				

(-) = Less than; numerical value is the Limit of Detection for that compound
ug/l = Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated

** B&C = Brown and Caldwell Laboratories, Pasadena, California



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TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	ORGANIC COMPOUND	CONCENTRATION* (ug/l)	EPA METHOD NUMBER	LABORATORY**
HM-78	12-12-85	Cyclohexane	8,000	624	B&C
		Methylcyclohexane	6,000	624	B&C
		Methylpentane	10,000	624	B&C
		Pentane	6,000	624	B&C
		Trimethylhexane	8,000	624	B&C
		Total C4-C10 hydrocarbons	100,000	624	B&C
		Xylene isomers	2,100	624	B&C
	01-10-86	A C8 branched hydrocarbon	800	624	B&C
		Cyclohexane	2,000	624	B&C
		Methylcyclohexane	4,000	624	B&C
		Methylcyclopentane	2,000	624	B&C
		Xylene isomers	700	624	B&C
		Ethylcyclohexane	1,000	624	B&C
		Cyclohexane	1,000	624	B&C
HM-80	12-11-85	Tetrahydrofuran	40	624	B&C
		Tetrahydrofuran	30	624	B&C
		Tetrahydrofuran	10	624	B&C
	01-10-86				
	04-07-86				
HM-83	11-08-85	An unidentified compound	10	625	B&C
		Bromacil	20	625	B&C
		Diethyl tetrahydrofuran	40	625	B&C

(-) = Less than; numerical value is the Limit of Detection for that compound
ug/l = Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated
** B&C = Brown and Caldwell Laboratories, Pasadena, California

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TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	ORGANIC COMPOUND	CONCENTRATION* (ug/l)	EPA METHOD NUMBER	LABORATORY**
HM-83	12-12-85	A chlorinated compound Bromacil Diethyl tetrahydrofuran	10 10 10	625 625 625	B&C B&C B&C
HM-84	11-08-85	A chlorinated compound An unidentified compound Bromacil Diethyl tetrahydrofuran A chlorinated compound Bromacil Diethyl tetrahydrofuran	10 20 30 60 10 10 10	625 625 625 625 625 625 625	B&C B&C B&C B&C B&C B&C B&C
HM-85	11-08-85	Bromacil	20	625	B&C
COOLING TOWER EFFLUENT	10-11-85	A brominated compound Butyl cellosolve	20 10	625 625	B&C B&C
COOLING TOWER INFLUENT	10-11-85	Unidentified compound	10	625	B&C
CREEK STATION C-5	12-11-85	Methyl ethyl ketone	10	624	B&C
DOCK 17 WELL	10-09-85	1st unidentified compound 2nd unidentified compound A brominated compound A chlorinated compound Diethyl tetrahydrofuran	10 10 40 10 30	625 625 625 625 625	B&C B&C B&C B&C B&C

(-) - Less than; numerical value is the Limit of Detection for that compound
ug/l - Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated

** B&C - Brown and Caldwell Laboratories, Pasadena, California

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TABLE F (continued)
CONCENTRATION OF NONPRIORITY AND SEMIQUANTIFIED
ORGANIC COMPOUNDS IN WATER SAMPLES

SAMPLE IDENTIFIER	DATE SAMPLED	ORGANIC COMPOUND	CONCENTRATION* (ug/l)	EPA METHOD NUMBER	LABORATORY**
DRAINPIPE	12-11-85	Xylene isomers	100	624	B&C
		A terpenol	20	625	B&C
		Total C8-C35 hydrocarbons	10,000	625	B&C
FRENCH DRAIN #1	02-11-85	Total unidentified compounds	60	625	B&C
		Tetramethyl butyl phenol	10	625	B&C
FRENCH DRAIN #2	06-30-85	C8-C35 hydrocarbons	10,000,000	625	B&C
	08-25-85	Brominated alkyl pyrimidinedione	30	625	B&C
P-6 UPPER	07-01-85	Xylene isomers	10	624	B&C
	10-10-85	Xylene isomers	10	624	B&C
		A C8 hydrocarbon	10	625	B&C
		An unidentified matrix	100	625	B&C
	01-10-86	Xylene isomers	10	624	B&C
	04-04-86	Xylene isomers	10	624	B&C
P-8 UPPER	04-05-86	Unidentified compound	80	625	B&C
RADAR RANGE SEEP	05-07-86	Acetone	20	624	B&C
No.3 SEEP	04-08-86	Dimethylbutane	10	624	B&C
ST. 5 OUTFALL	05-01-85	Bromine containing compound	10	625	B&C
		An unidentified compound	10	625	B&C

(-) = Less than; numerical value is the Limit of Detection for that compound
ug/l = Micrograms per liter

* Concentrations of nonpriority organic compounds are semiquantified, unless otherwise indicated

** B&C = Brown and Caldwell Laboratories, Pasadena, California



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APPENDIX G

**CONCENTRATION OF OIL/GREASE AND FUEL HYDROCARBONS
IN WATER SAMPLES COLLECTED FROM MONITOR WELLS**



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APPENDIX G

CONTENTS

Table

G

CONCENTRATION OF OIL/GREASE AND FUEL HYDROCARBONS IN WATER
SAMPLES COLLECTED FROM MONITOR WELLS

TABLE G-1

**CONCENTRATION OF OIL/GREASE AND FUEL HYDROCARBONS
IN WATER SAMPLES COLLECTED FROM MONITOR WELLS**

<u>SAMPLE IDENTIFIER</u>	<u>DATE SAMPLED</u>	<u>LABORATORY*</u>	<u>OIL/GREASE (mg/l)</u>	<u>HYDROCARBONS TYPICALLY FOUND IN FUEL (mg/l)</u>
HM-7	01/11/86	B&C	11	3
	04/05/86	B&C	- 5	1
HM-20	01/09/86	B&C	14	---
HM-51	04/06/86	B&C	- 5	4
HM-78	01/10/86	B&C	---	52
	04/08/86	B&C	---	70
P-12 UPPER	01/09/86	B&C	9	- 1
P-13 UPPER	04/09/86	B&C	- 5	- 1
	05/08/86	B&C	- 5	- 1
CREEK STATION C-2	01/11/86	B&C	- 5	- 1
	02/12/86	B&C	- 5	- 1
	03/12/86	B&C	6	- 1
	04/08/86	B&C	- 5	- 1
	05/07/86	B&C	- 5	- 1
CREEK STATION C-3	01/11/86	B&C	5	- 1
	02/12/86	B&C	6	- 1
	03/12/86	B&C	5	- 1
	04/08/86	B&C	- 5	- 1
	05/07/86	B&C	- 5	- 1
CREEK STATION C-4	01/11/86	B&C	6	- 1
	02/12/86	B&C	9	- 1
	03/12/86	B&C	10	- 1
	04/08/86	B&C	- 5	- 1
	05/07/86	B&C	- 5	- 1
CREEK STATION C-5	01/11/86	B&C	11	- 1
	02/12/86	B&C	- 5	- 1
	03/12/86	B&C	- 5	- 1
	04/08/86	B&C	- 5	- 1
	05/07/86	B&C	- 5	- 1
OUTFALL #3	01/11/86	B&C	---	- 1
NO. 3 SEEP	04/08/86	B&C	8	- 1
	05/07/86	B&C	- 5	- 1

*B & C - Brown and Caldwell, Pasadena, California

(-) = Less than

ND = None detected

--- = Parameter not analyzed for.

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APPENDIX H

RESULTS OF ANALYSES FOR EPA PRIORITY PESTICIDE COMPONENTS IN WATER SAMPLES



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APPENDIX H

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Table

H-1	RESULTS OF ANALYSES FOR EPA PRIORITY PESTICIDE COMPOUNDS IN WATER SAMPLES COLLECTED FROM MONITOR WELL HM-38
H-2	RESULTS OF ANALYSES FOR EPA PRIORITY PESTICIDE COMPOUNDS IN WATER SAMPLES COLLECTED FROM MONITOR WELL HM-51
H-3	RESULTS OF ANALYSES FOR EPA PRIORITY PESTICIDE COMPOUNDS IN WATER SAMPLES COLLECTED FROM DRAIN PIPE
H-4	RESULTS OF ANALYSES FOR EPA PRIORITY PESTICIDE COMPOUNDS IN WATER SAMPLES COLLECTED FROM ST. 5 OUTFALL
H-5	RESULTS OF ANALYSES FOR EPA PRIORITY PESTICIDE COMPOUNDS IN WATER SAMPLES COLLECTED FROM FRENCH DRAIN #2

TABLE H-1

RESULTS OF ANALYSES FOR EPA PRIORITY PESTICIDE COMPOUNDS
IN WATER SAMPLES COLLECTED FROM MONITOR WELL HM-38

COMPOUND (micrograms per liter)	DATE SAMPLED.....	
	08-25-85	10-10-85
Aldrin.....	-5	-50
alpha-BHC.....	-5	-50
beta-BHC.....	-5	-50
gamma-BHC.....	-5	-50
delta-BHC.....	-5	-50
Chlordane.....	-30	-300
4,4'-DDD.....	-5	-50
4,4'-DDE.....	1,300	-50
4,4'-DDT.....	-10	-100
Dieldrin.....	-5	-50
alpha-Endosulfan.....	-5	-50
beta-Endosulfan.....	-5	-50
Endosulfan sulfate.....	-10	-100
Endrin.....	-10	-100
Endrin aldehyde.....	-10	-100
Heptachlor.....	-5	-50
Heptachlor epoxide.....	-5	-50
PCB 1016.....	-100	-1,000
PCB 1221.....	-100	-1,000
PCB 1232.....	-100	-1,000
PCB 1242.....	-100	-1,000
PCB 1248.....	-100	-1,000
PCB 1254.....	-100	-1,000
PCB 1260.....	-100	-1,000
Toxaphene.....	-100	-1,000
EPA Method Number.....		
Laboratory.....	Brown & Caldwell	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

TABLE H-2

RESULTS OF ANALYSES FOR EPA PRIORITY PESTICIDE COMPOUNDS
IN WATER SAMPLES COLLECTED FROM MONITOR WELL MW-51

COMPOUND (micrograms per liter)	DATE SAMPLED.....
	08-25-85
Aldrin.....	-0.5
alpha-BHC.....	-0.5
beta-BHC.....	-0.5
gamma-BHC.....	-0.05
delta-BHC.....	-0.5
Chlordane.....	-3
4,4'-DDD.....	-0.5
4,4'-DDE.....	-0.5
4,4'-DDT.....	-1
Dieldrin.....	-0.5
alpha-Endosulfan.....	-0.5
beta-Endosulfan.....	-0.5
Endosulfan sulfate.....	-1
Endrin.....	-1
Endrin aldehyde.....	-1
Heptachlor.....	-0.5
Heptachlor epoxide.....	-0.5
PCB 1016.....	-10
PCB 1221.....	-10
PCB 1232.....	-10
PCB 1242.....	-10
PCB 1248.....	-10
PCB 1254.....	-10
PCB 1260.....	-10
Toxaphene.....	-10
EPA Method Number.....	
Laboratory.....	Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE H-3

RESULTS OF ANALYSES FOR EPA PRIORITY PESTICIDE COMPOUNDS
IN WATER SAMPLES COLLECTED FROM DRAIN PIPE

COMPOUND (micrograms per liter)DATE SAMPLED.....
	<u>10-11-85</u>
Aldrin.....	-2
alpha-BHC.....	-2
beta-BHC.....	-2
gamma-BHC.....	-2
delta-BHC.....	-2
Chlordane.....	-9
4,4'-DDD.....	-2
4,4'-DDE.....	-2
4,4'-DDT.....	-3
Dieldrin.....	-2
alpha-Endosulfan.....	-2
beta-Endosulfan.....	-2
Endosulfan sulfate.....	-3
Endrin.....	-3
Endrin aldehyde.....	-3
Heptachlor.....	-2
Heptachlor epoxide.....	-2
PCB 1016.....	-30
PCB 1221.....	-30
PCB 1232.....	-30
PCB 1242.....	-30
PCB 1248.....	-30
PCB 1254.....	-30
PCB 1260.....	-30
Toxaphene.....	-30

EPA Method Number.....
Laboratory..... Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE H-4

RESULTS OF ANALYSES FOR EPA PRIORITY PESTICIDE COMPOUNDS
IN WATER SAMPLES COLLECTED FROM ST. 5 OUTFALL

COMPOUND (micrograms per liter)DATE SAMPLED.....
	<u>10-11-85</u>
Aldrin.....	-0.05
alpha-BHC.....	-0.05
beta-BHC.....	-0.05
gamma-BHC.....	-0.05
delta-BHC.....	-0.05
Chlordane.....	-0.3
4,4'-DDD.....	-0.05
4,4'-DDE.....	-0.05
4,4'-DDT.....	-0.1
Dieldrin.....	-0.05
alpha-Endosulfan.....	-0.05
beta-Endosulfan.....	-0.05
Endosulfan sulfate.....	-0.1
Endrin.....	-0.1
Endrin aldehyde.....	-0.1
Heptachlor.....	-0.05
Heptachlor epoxide.....	-0.05
PCB 1016.....	-1
PCB 1221.....	-1
PCB 1232.....	-1
PCB 1242.....	-1
PCB 1248.....	-1
PCB 1254.....	-1
PCB 1260.....	-1
Toxaphene.....	-1

EPA Method Number.....
Laboratory..... Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
(---) = Not analyzed

TABLE H-5

RESULTS OF ANALYSES FOR EPA PRIORITY PESTICIDE COMPOUNDS
IN WATER SAMPLES COLLECTED FROM FRENCH DRAIN #2

COMPOUND (micrograms per liter)	DATE SAMPLED.....	
	08-25-85	10-11-85
Aldrin.....	-0.5	-0.05
alpha-BHC.....	-0.5	-0.05
beta-BHC.....	-0.5	-0.05
gamma-BHC.....	-0.5	-0.05
delta-BHC.....	-0.5	-0.05
Chlordane.....	-3	-0.3
4,4'-DDD.....	-0.5	-0.05
4,4'-DDE.....	-0.5	-0.05
4,4'-DDT.....	-1	-0.1
Dieldrin.....	-0.5	-0.05
alpha-Endosulfan.....	-0.5	-0.05
beta-Endosulfan.....	-0.5	-0.05
Endosulfan sulfate.....	-1	-0.1
Endrin.....	-1	-0.1
Endrin aldehyde.....	-1	-0.1
Heptachlor.....	-0.5	-0.05
Heptachlor epoxide.....	-0.5	-0.05
PCB 1016.....	-10	-1
PCB 1221.....	-10	-1
PCB 1232.....	-10	-1
PCB 1242.....	-10	-1
PCB 1248.....	-10	-1
PCB 1254.....	-10	-1
PCB 1260.....	-10	-1
Toxaphene.....	-10	-1

EPA Method Number..... Brown & Caldwell Brown & Caldwell

(-) = Less than; numerical value is the Limit of Detection for that compound
 (---) = Not analyzed

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